

\*\*\*\*\*  
\*\*\*\*\*  
CALPOST Version 6.221      Level 080724  
\*\*\*\*\*  
\*\*\*\*\*

Internal Coordinate Transformations by --- COORDLIB Version: 1.99 Level: 070921

Run Title:  
Cleco, Brame Energy Center, Nesbitt  
CANNEY CREEK WILDERNESS AREA CALPOST 2002  
VISIBILITY METHOD 8

-----  
INPUT GROUP: 1 -- General run control parameters  
-----

Option to run all periods found  
in the met. file(s) (METRUN)      Default: 0 ! METRUN = 1 !

METRUN = 0 - Run period explicitly defined below  
METRUN = 1 - Run all periods in CALPUFF data file(s)

Starting date: Year (ISYR) -- No default ! ISYR = 2002 !  
                  Month (ISMO) -- No default ! ISMO = 1 !  
                  Day (ISDY) -- No default ! ISDY = 1 !  
Starting time: Hour (ISHR) -- No default ! ISHR = 0 !  
                  Minute (ISMIN) -- No default ! ISMIN = 0 !  
                  Second (ISSEC) -- No default ! ISSEC = 0 !

Ending date: Year (IEYR) -- No default ! IEYR = 2002 !  
                  Month (IEMO) -- No default ! IEMO = 12 !  
                  Day (IEDY) -- No default ! IEDY = 31 !  
Ending time: Hour (IEHR) -- No default ! IEHR = 0 !  
                  Minute (IEMIN) -- No default ! IEMIN = 0 !  
                  Second (IESEC) -- No default ! IESEC = 0 !

(These are only used if METRUN = 0)

All times are in the base time zone of the CALPUFF simulation.  
CALPUFF Dataset Version 2.1 contains the zone, but earlier versions  
do not, and the zone must be specified here. The zone is the  
number of hours that must be ADDED to the time to obtain UTC (or GMT).  
Identify the Base Time Zone for the CALPUFF simulation  
                  (BTZONE) -- No default ! BTZONE = 6.0 !

Process every period of data?  
                  (NREP) -- Default: 1 ! NREP = 1 !  
(1 = every period processed,  
2 = every 2nd period processed,

5 = every 5th period processed, etc.)

## Species & Concentration/Deposition Information

---

Species to process (ASPEC) -- No default ! ASPEC = VISIB !  
(ASPEC = VISIB for visibility processing)

Layer/deposition code (ILAYER) -- Default: 1 ! ILAYER = 1 !  
'1' for CALPUFF concentrations,  
'-1' for dry deposition fluxes,  
'-2' for wet deposition fluxes,  
'-3' for wet+dry deposition fluxes.

Scaling factors of the form: -- Defaults: ! A = 0.0 !  
 $X(\text{new}) = X(\text{old}) * A + B$     A = 0.0 ! B = 0.0 !  
(NOT applied if A = B = 0.0)    B = 0.0

Add Hourly Background Concentrations/Fluxes?  
(LBACK) -- Default: F ! LBACK = F !

Source of NO<sub>2</sub> when ASPEC=NO<sub>2</sub> (above) or LVNO<sub>2</sub>=T (Group 2) may be from CALPUFF NO<sub>2</sub> concentrations OR from a fraction of CALPUFF NO<sub>x</sub> concentrations. Specify the fraction of NO<sub>x</sub> that is treated as NO<sub>2</sub> either as a constant or as a table of fractions that depend on the magnitude of the NO<sub>x</sub> concentration:

(NO<sub>2</sub>CALC) -- Default: 1 ! NO<sub>2</sub>CALC = 1 !  
0 = Use NO<sub>2</sub> directly (NO<sub>2</sub> must be in file)  
1 = Specify a single NO<sub>2</sub>/NO<sub>x</sub> ratio (RNO<sub>2</sub>NO<sub>x</sub>)  
2 = Specify a table NO<sub>2</sub>/NO<sub>x</sub> ratios (TNO<sub>2</sub>NO<sub>x</sub>)  
(NOTE: Scaling Factors must NOT be used with NO<sub>2</sub>CALC=2)

Single NO<sub>2</sub>/NO<sub>x</sub> ratio (0.0 to 1.0) for treating some or all NO<sub>x</sub> as NO<sub>2</sub>, where [NO<sub>2</sub>] = [NO<sub>x</sub>] \* RNO<sub>2</sub>NO<sub>x</sub>  
(used only if NO<sub>2</sub>CALC = 1)  
(RNO<sub>2</sub>NO<sub>x</sub>) -- Default: 1.0 ! RNO<sub>2</sub>NO<sub>x</sub> = 1.0 !

Table of NO<sub>2</sub>/NO<sub>x</sub> ratios that vary with NO<sub>x</sub> concentration. Provide 14 NO<sub>x</sub> concentrations (ug/m<sup>3</sup>) and the corresponding NO<sub>2</sub>/NO<sub>x</sub> ratio, with NO<sub>x</sub> increasing in magnitude. The ratio used for a particular NO<sub>x</sub> concentration is interpolated from the values provided in the table. The ratio for the smallest tabulated NO<sub>x</sub> concentration (the first) is used for all NO<sub>x</sub> concentrations less than the smallest tabulated value, and the ratio for the largest tabulated NO<sub>x</sub> concentration (the last) is used for all NO<sub>x</sub> concentrations greater than the largest tabulated value.  
(used only if NO<sub>2</sub>CALC = 2)

NO<sub>x</sub> concentration(ug / m<sup>3</sup>)  
(CNOX) -- No default  
! CNOX = 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0,  
8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0 !

NO<sub>2</sub>/NO<sub>x</sub> ratio for each NO<sub>x</sub> concentration:  
(TNO<sub>2</sub>NO<sub>x</sub>) -- No default

! TNO2NOX = 1.0, 1.0, 1.0, 1.0, 1.0, 1.0, 1.0,  
1.0, 1.0, 1.0, 1.0, 1.0, 1.0, 1.0 !

#### Source information

-----

Option to process source contributions:

- 0 = Process only total reported contributions
- 1 = Sum all individual source contributions and process
- 2 = Run in TRACEBACK mode to identify source  
contributions at a SINGLE receptor  
(MSOURCE) -- Default: 0 ! MSOURCE = 0 !

#### Plume Model Output Processing Options

-----

Output from models other than CALPUFF and CALGRID can be written in the CONC.DAT format and processed by CALPOST. Plume models such as AERMOD typically do not treat CALM hours, and do not include such hours in multiple-hour averages, with specific rules about how many calm hours can be removed from an average. This treatment is known as CALM PROCESSING. Calm periods are identified from wind speeds in the meteorological data file for the application, which must be identified in Input Group 0 as the single-point meteorological data file MET1DAT.

- 0 = Option is not used for CALPUFF/CALGRID output files
- 1 = Apply CALM processing procedures to multiple-hour averages  
(MCALMPRO) -- Default: 0 ! MCALMPRO = 0 !

Format of Single-point Met File

- 1 = AERMOD/AERMET SURFACE file  
(MET1FMT) -- Default: 1 ! MET1FMT = 1 !

#### Receptor information

-----

Gridded receptors processed? (LG) -- Default: F ! LG = F !  
Discrete receptors processed? (LD) -- Default: F ! LD = T !  
CTSG Complex terrain receptors processed?  
(LCT) -- Default: F ! LCT = F !

--Report results by DISCRETE receptor RING?  
(only used when LD = T) (LDRING) -- Default: F ! LDRING = F !

--Select range of DISCRETE receptors (only used when LD = T):

Select ALL DISCRETE receptors by setting NDRECP flag to -1;  
OR

Select SPECIFIC DISCRETE receptors by entering a flag (0,1) for each  
0 = discrete receptor not processed  
1 = discrete receptor processed

using repeated value notation to select blocks of receptors:  
23\*1, 15\*0, 12\*1

Flag for all receptors after the last one assigned is set to 0

(NDRECP) -- Default: -1

! NDRECP = 80\*1, 40\*0!

--Select range of GRIDDED receptors (only used when LG = T):

X index of LL corner (IBGRID) -- Default: -1 ! IBGRID = -1 !  
(-1 OR 1 <= IBGRID <= NX)

Y index of LL corner (JBGRID) -- Default: -1 ! JBGRID = -1 !  
(-1 OR 1 <= JBGRID <= NY)

X index of UR corner (IEGRID) -- Default: -1 ! IEGRID = -1 !  
(-1 OR 1 <= IEGRID <= NX)

Y index of UR corner (JEGRID) -- Default: -1 ! JEGRID = -1 !  
(-1 OR 1 <= JEGRID <= NY)

Note: Entire grid is processed if IBGRID=JBGRID=IEGRID=JEGRID=-1

--Specific gridded receptors can also be excluded from CALPOST processing by filling a processing grid array with 0s and 1s. If the processing flag for receptor index (i,j) is 1 (ON), that receptor will be processed if it lies within the range delineated by IBGRID, JBGRID,IEGRID,JEGRID and if LG=T. If it is 0 (OFF), it will not be processed in the run. By default, all array values are set to 1 (ON).

Number of gridded receptor rows provided in Subgroup (1a) to identify specific gridded receptors to process

(NGONOFF) -- Default: 0 ! NGONOFF = 0 !

!END!

-----  
Subgroup (1a) -- Specific gridded receptors included/excluded  
-----

Specific gridded receptors are excluded from CALPOST processing by filling a processing grid array with 0s and 1s. A total of NGONOFF lines are read here. Each line corresponds to one 'row' in the sampling grid, starting with the NORTHERNMOST row that contains receptors that you wish to exclude, and finishing with row 1 to the SOUTH (no intervening rows may be skipped). Within a row, each receptor position is assigned either a 0 or 1, starting with the westernmost receptor.

0 = gridded receptor not processed

1 = gridded receptor processed

Repeated value notation may be used to select blocks of receptors:

23\*1, 15\*0, 12\*1

Because all values are initially set to 1, any receptors north of the first row entered, or east of the last value provided in a row, remain ON.

(NGXRECP) -- Default: 1

-----  
INPUT GROUP: 2 -- Visibility Parameters (ASPEC = VISIB)  
-----

Test visibility options specified to see  
if they conform to FLAG 2008 configuration?

(MVISCHECK) -- Default: 1 ! MVISCHECK = 1 !

0 = NO checks are made

1 = Technical options must conform to FLAG 2008 visibility guidance

ASPEC = VISIB

LVNO2 = T

NO2CALC = 1

RNO2NOX = 1.0

MVISBK = 8

M8\_MODE = 5

Some of the data entered for use with the FLAG 2008 configuration  
are specific to the Class I area being evaluated. These values can  
be checked within the CALPOST user interface when the name of the  
Class I area is provided.

Name of Class I Area (used for QA purposes only)

(AREANAME) -- Default: User ! AREANAME = CACR !

Particle growth curve f(RH) for hygroscopic species

(MFRH) -- Default: 4 ! MFRH = 4 !

1 = IWAQM (1998) f(RH) curve (originally used with MVISBK=1)

2 = FLAG (2000) f(RH) tabulation

3 = EPA (2003) f(RH) tabulation

4 = IMPROVE (2006) f(RH) tabulations for sea salt, and for small and  
large SULFATE and NITRATE particles;

Used in Visibility Method 8 (MVISBK = 8 with M8\_MODE = 1, 2, or 3)

Maximum relative humidity (%) used in particle growth curve

(RHMAX) -- Default: 98 ! RHMAX = 95 !

Modeled species to be included in computing the light extinction

Include SULFATE? (LVSO4) -- Default: T ! LVSO4 = T !

Include NITRATE? (LVNO3) -- Default: T ! LVNO3 = T !

Include ORGANIC CARBON? (LVOC) -- Default: T ! LVOC = T !

Include COARSE PARTICLES? (LVPMC) -- Default: T ! LVPMC = T !

Include FINE PARTICLES? (LVPMF) -- Default: T ! LVPMF = T !

Include ELEMENTAL CARBON? (LVEC) -- Default: T ! LVEC = T !

Include NO2 absorption? (LVNO2) -- Default: F ! LVNO2 = T !

With Visibility Method 8 -- Default: T

FLAG (2008)

And, when ranking for TOP-N, TOP-50, and Exceedance tables,

Include BACKGROUND? (LVBK) -- Default: T ! LVBK = T !

Species name used for particulates in MODEL.DAT file

COARSE (SPECPMC) -- Default: PMC ! SPECPMC = PMC !  
FINE (SPECPMF) -- Default: PMF ! SPECPMF = PMF !

Extinction Efficiency (1/Mm per ug/m\*\*3)

-----  
MODELED particulate species:

PM COARSE (EEMPMC) -- Default: 0.6 ! EEMPMC = 0.6 !

PM FINE (EEMPMF) -- Default: 1.0 ! EEMPMF = 1 !

BACKGROUND particulate species:

PM COARSE (EEMCBK) -- Default: 0.6 ! EEMCBK = 0.6 !

Other species:

AMMONIUM SULFATE (EESO4) -- Default: 3.0 ! EESO4 = 3 !

AMMONIUM NITRATE (EENO3) -- Default: 3.0 ! EENO3 = 3 !

ORGANIC CARBON (EEOC) -- Default: 4.0 ! EEOC = 4 !

SOIL (EESOIL) -- Default: 1.0 ! EESOIL = 1 !

ELEMENTAL CARBON (EEEC) -- Default: 10. ! EEEC = 10 !

NO2 GAS (EENO2) -- Default: .1755 ! EENO2 = 0.1755 !

Visibility Method 8:

AMMONIUM SULFATE (EESO4S) Set Internally (small)

AMMONIUM SULFATE (EESO4L) Set Internally (large)

AMMONIUM NITRATE (EENO3S) Set Internally (small)

AMMONIUM NITRATE (EENO3L) Set Internally (large)

ORGANIC CARBON (EEOCS) Set Internally (small)

ORGANIC CARBON (EEOCL) Set Internally (large)

SEA SALT (EESALT) Set Internally

Background Extinction Computation

-----  
Method used for the 24h-average of percent change of light extinction:

Hourly ratio of source light extinction / background light extinction

is averaged? (LAVER) -- Default: F ! LAVER = F !

Method used for background light extinction

(MVISBK) -- Default: 8 ! MVISBK = 8 !

FLAG (2008)

- 1 = Supply single light extinction and hygroscopic fraction
  - Hourly F(RH) adjustment applied to hygroscopic background and modeled sulfate and nitrate
- 2 = Background extinction from speciated PM concentrations (A)
  - Hourly F(RH) adjustment applied to observed and modeled sulfate and nitrate
  - F(RH) factor is capped at F(RHMAX)
- 3 = Background extinction from speciated PM concentrations (B)
  - Hourly F(RH) adjustment applied to observed and modeled sulfate and nitrate
  - Receptor-hour excluded if RH>RHMAX
  - Receptor-day excluded if fewer than 6 valid receptor-hours
- 4 = Read hourly transmissometer background extinction measurements
  - Hourly F(RH) adjustment applied to modeled sulfate and nitrate
  - Hour excluded if measurement invalid (missing, interference, or large RH)
  - Receptor-hour excluded if RH>RHMAX



in place of an hourly RH factor (VISB.DAT file is NOT needed).  
Enter the 12 monthly factors here (RHFAC). Month 1 is January.

(RHFAC) -- No default ! RHFAC = 3.3, 3.0, 2.7, 2.8,  
3.2, 3.2, 3.0, 3.0,  
3.2, 3.2, 3.1, 3.3 !

Additional inputs used for MVISBK = 7:

-----  
The weather data file (DATSAV abbreviated space-delimited) that is identified as VSRN.DAT may contain data for more than one station. Identify the stations that are needed in the order in which they will be used to obtain valid weather and visual range. The first station that contains valid data for an hour will be used. Enter up to MXWSTA (set in PARAMS file) integer station IDs of up to 6 digits each as variable IDWSTA, and enter the corresponding time zone for each, as variable TZONE (= UTC-LST).

A prognostic weather data file with Bext for weather events may be used in place of the observed weather file. Identify this as the VSRN.DAT file and use a station ID of IDWSTA = 999999, and TZONE = 0.

NOTE: TZONE identifies the time zone used in the dataset. The DATSAV abbreviated space-delimited data usually are prepared with UTC time rather than local time, so TZONE is typically set to zero.

(IDWSTA) -- No default \* IDWSTA = 000000 \*  
(TZONE) -- No default \* TZONE = 0. \*

Additional inputs used for MVISBK = 2,3,6,7,8:

-----  
Background extinction coefficients are computed from monthly CONCENTRATIONS of ammonium sulfate (BKSO4), ammonium nitrate (BKNO3), coarse particulates (BKPMC), organic carbon (BKOC), soil (BKSOIL), and elemental carbon (BKEC). Month 1 is January.  
(ug/m\*\*3)

(BKSO4) -- No default ! BKSO4 = 0.23, 0.23, 0.23, 0.23,  
0.23, 0.23, 0.23, 0.23,  
0.23, 0.23, 0.23, 0.23 !

(BKNO3) -- No default ! BKNO3 = 0.10, 0.10, 0.10, 0.10,  
0.10, 0.10, 0.10, 0.10,  
0.10, 0.10, 0.10, 0.10 !

(BKPMC) -- No default ! BKPMC = 3.00, 3.00, 3.00, 3.00,  
3.00, 3.00, 3.00, 3.00,  
3.00, 3.00, 3.00, 3.00 !

(BKOC) -- No default ! BKOC = 1.80, 1.80, 1.80, 1.80,  
1.80, 1.80, 1.80, 1.80,  
1.80, 1.80, 1.80, 1.80 !

(BKSOIL) -- No default ! BKSOIL = 0.50, 0.50, 0.50, 0.50,  
0.50, 0.50, 0.50, 0.50,  
0.50, 0.50, 0.50, 0.50 !

(BKEC) -- No default ! BKEC = 0.02, 0.02, 0.02, 0.02,  
0.02, 0.02, 0.02, 0.02,  
0.02, 0.02, 0.02, 0.02 !

Additional inputs used for MVISBK = 8:

-----  
Extinction coefficients for hygroscopic species (modeled and background) may be computed using hourly RH values and hourly modeled concentrations, or using monthly RH values inferred from the RHFAC adjustment factors and either hourly or daily modeled concentrations, or using monthly RHFSML, RHFLRG, and RHFSEA adjustment factors and either hourly or daily modeled concentrations.

(M8\_MODE) -- Default: 5 ! M8\_MODE= 5 !  
FLAG (2008)

- 1 = Use hourly RH values from VISB.DAT file with hourly modeled and monthly background concentrations.
- 2 = Use monthly RH from monthly RHFAC and EPA (2003) f(RH) tabulation with hourly modeled and monthly background concentrations. (VISB.DAT file is NOT needed).
- 3 = Use monthly RH from monthly RHFAC with EPA (2003) f(RH) tabulation with daily modeled and monthly background concentrations. (VISB.DAT file is NOT needed).
- 4 = Use monthly RHFSML, RHFLRG, and RHFSEA with hourly modeled and monthly background concentrations. (VISB.DAT file is NOT needed).
- 5 = Use monthly RHFSML, RHFLRG, and RHFSEA with daily modeled and monthly background concentrations. (VISB.DAT file is NOT needed).

Background extinction coefficients are computed from monthly CONCENTRATIONS of sea salt (BKSALT). Month 1 is January. (ug/m\*\*3)

(BKSALT) -- No default ! BKSALT= 0.03, 0.03, 0.03, 0.03,  
0.03, 0.03, 0.03, 0.03,  
0.03, 0.03, 0.03, 0.03 !

Extinction coefficients for hygroscopic species (modeled and background) can be computed using monthly RH adjustment factors in place of an hourly RH factor (VISB.DAT file is NOT needed). Enter the 12 monthly factors here (RHFSML,RHFLRG,RHFSEA). Month 1 is January. (Used if M8\_MODE = 4 or 5)

Small ammonium sulfate and ammonium nitrate particle sizes (RHFSML) -- No default ! RHFSML= 3.85, 3.44, 3.14, 3.24,  
3.66, 3.71, 3.49, 3.51,  
3.73, 3.72, 3.68, 3.88 !

Large ammonium sulfate and ammonium nitrate particle sizes (RHFLRG) -- No default ! RHFLRG= 2.77, 2.53, 2.37, 2.43,  
2.68, 2.71, 2.59, 2.60,  
2.71, 2.69, 2.67, 2.79 !

Sea salt particles (RHFSEA) -- No default ! RHFSEA= 3.90, 3.52, 3.31, 3.41,  
3.83, 3.88, 3.69, 3.68,

3.82, 3.76, 3.77, 3.93 !

Additional inputs used for MVISBK = 2,3,5,6,7,8:

-----  
Extinction due to Rayleigh scattering is added (1/Mm)  
(BEXTRAY) -- Default: 10.0 ! BEXTRAY = 11 !

!END!  
-----

INPUT GROUP: 3 -- Output options  
-----

Documentation  
-----

Documentation records contained in the header of the  
CALPUFF output file may be written to the list file.  
Print documentation image?  
(LDOC) -- Default: F ! LDOC = F !

Output Units  
-----

Units for All Output (IPRTU) -- Default: 1 ! IPRTU = 3 !  
for for  
Concentration Deposition  
1 = g/m\*\*3 g/m\*\*2/s  
2 = mg/m\*\*3 mg/m\*\*2/s  
3 = ug/m\*\*3 ug/m\*\*2/s  
4 = ng/m\*\*3 ng/m\*\*2/s  
5 = Odour Units

Visibility: extinction expressed in 1/Mega-meters (IPRTU is ignored)

Averaging time(s) reported  
-----

1-pd averages (L1PD) -- Default: T ! L1PD = F !  
(pd = averaging period of model output)

1-hr averages (L1HR) -- Default: T ! L1HR = F !

3-hr averages (L3HR) -- Default: T ! L3HR = F !

24-hr averages (L24HR) -- Default: T ! L24HR = T !

Run-length averages (LRUNL) -- Default: T ! LRUNL = F !

User-specified averaging time in hours, minutes, seconds  
- results for this averaging time are reported if it is not zero

(NAVGH) -- Default: 0 ! NAVGH = 0 !  
(NAVGM) -- Default: 0 ! NAVGM = 0 !  
(NAVGS) -- Default: 0 ! NAVGS = 0 !

## Types of tabulations reported

-----

- 1) Visibility: daily visibility tabulations are always reported for the selected receptors when ASPEC = VISIB. In addition, any of the other tabulations listed below may be chosen to characterize the light extinction coefficients.  
[List file or Plot/Analysis File]
  
- 2) Top 50 table for each averaging time selected  
[List file only]  
(LT50) -- Default: T ! LT50 = F !
  
- 3) Top 'N' table for each averaging time selected  
[List file or Plot file]  
(LTOPN) -- Default: F ! LTOPN = F !  
  
-- Number of 'Top-N' values at each receptor selected (NTOP must be <= 4)  
(NTOP) -- Default: 4 ! NTOP = 4 !  
  
-- Specific ranks of 'Top-N' values reported (NTOP values must be entered)  
(ITOP(4) array) -- Default: ! ITOP = 1,2,3,4 !  
1,2,3,4
  
- 4) Threshold exceedance counts for each receptor and each averaging time selected  
[List file or Plot file]  
(LEXCD) -- Default: F ! LEXCD = F !  
  
-- Identify the threshold for each averaging time by assigning a non-negative value (output units).  
  
-- Default: -1.0  
Threshold for 1-hr averages (THRESH1) ! THRESH1 = -1.0 !  
Threshold for 3-hr averages (THRESH3) ! THRESH3 = -1.0 !  
Threshold for 24-hr averages (THRESH24) ! THRESH24 = -1.0 !  
Threshold for NAVG-hr averages (THRESHN) ! THRESHN = -1.0 !  
  
-- Counts for the shortest averaging period selected can be tallied daily, and receptors that experience more than NCOUNT counts over any NDAY period will be reported. This type of exceedance violation output is triggered only if NDAY > 0.  
  
Accumulation period(Days)  
(NDAY) -- Default: 0 ! NDAY = 0 !  
Number of exceedances allowed  
(NCOUNT) -- Default: 1 ! NCOUNT = 1 !

## 5) Selected day table(s)

Echo Option -- Many records are written each averaging period selected and output is grouped by day

[List file or Plot file]

(LECHO) -- Default: F ! LECHO = F !

Timeseries Option -- Averages at all selected receptors for each selected averaging period are written to timeseries files. Each file contains one averaging period, and all receptors are written to a single record each averaging time.

[TSERIES\_ASPEC\_ttHR\_CONC\_TSUNAM.DAT files]

(LTIME) -- Default: F ! LTIME = F !

Peak Value Option -- Averages at all selected receptors for each selected averaging period are screened and the peak value each period is written to timeseries files.

Each file contains one averaging period.

[PEAKVAL\_ASPEC\_ttHR\_CONC\_TSUNAM.DAT files]

(LPEAK) -- Default: F ! LPEAK = F !

-- Days selected for output

(IECHO(366)) -- Default: 366\*0

! IECHO = 366\*0 !

(366 values must be entered)

## Plot output options

Plot files can be created for the Top-N, Exceedance, and Echo tables selected above. Two formats for these files are available, DATA and GRID. In the DATA format, results at all receptors are listed along with the receptor location [x,y,val1,val2,...]. In the GRID format, results at only gridded receptors are written, using a compact representation. The gridded values are written in rows (x varies), starting with the most southern row of the grid. The GRID format is given the .GRD extension, and includes headers compatible with the SURFER(R) plotting software.

A plotting and analysis file can also be created for the daily peak visibility summary output, in DATA format only.

Generate Plot file output in addition to writing tables to List file?

(LPLT) -- Default: F ! LPLT = F !

Use GRID format rather than DATA format, when available?

(LGRD) -- Default: F ! LGRD = F !

## Auxiliary Output Files (for subsequent analyses)

-----  
Visibility

A separate output file may be requested that contains the change in visibility at each selected receptor when ASPEC = VISIB. This file can be processed to construct visibility measures that are not available in CALPOST.

Output file with the visibility change at each receptor?  
(MDVIS) -- Default: 0 ! MDVIS = 1 !

- 0 = Do Not create file
- 1 = Create file of DAILY (24 hour) Delta-Deciview
- 2 = Create file of DAILY (24 hour) Extinction Change (%)
- 3 = Create file of HOURLY Delta-Deciview
- 4 = Create file of HOURLY Extinction Change (%)

Additional Debug Output

-----  
Output selected information to List file  
for debugging?  
(LDEBUG) -- Default: F ! LDEBUG = F !

Output hourly extinction information to REPORT.HRV?  
(Visibility Method 7)  
(LVEXTHR) -- Default: F ! LVEXTHR = F !

!END!

-----  
NOTICE: Starting year in control file sets the  
expected century for the simulation. All  
YY years are converted to YYYY years in  
the range: 1952 2051  
-----

\*\*\*\*\*  
\*\*\*\*\*  
CALPOST Version 6.221      Level 080724  
\*\*\*\*\*  
\*\*\*\*\*

CALPOST Control File Input Summary -----

Replace run data with data in Puff file 1=Y: 1  
Run starting date -- year: 2002  
                  month: 1  
                  day: 1  
                  Julian day: 0  
Time at start of run - hour(0-23): 0  
                  - minute: 0  
                  - second: 0



Extinction Computation includes:

SULFATES  
NITRATES  
NO2 GAS

Fraction CALPUFF NOx used as NO2 : 1.000

ORGANIC CARBON  
ELEMENTAL CARBON  
COARSE PARTICLES  
FINE PARTICLES  
BACKGROUND

Particle f(RH) growth curve(s) : IMPROVE (2006) Tables

Max. RH % for particle growth (%): 95.000

Species name for modeled particulates

coarse: PMC

fine: PMF

Extinction Efficiency (1/Mm per ug/m\*\*3)

ammonium sulfate S: 2.2000  
ammonium sulfate L: 4.8000  
ammonium nitrate S: 2.4000  
ammonium nitrate L: 5.1000  
organic carbon S: 2.8000  
organic carbon L: 6.1000  
sea salt: 1.7000  
NO2 gas: 0.1755  
soil: 1.0000  
elemental carbon: 10.0000  
MODELED coarse PM: 0.6000  
MODELED fine PM: 1.0000  
BACKGRND coarse PM: 0.6000

Background Extinction Calculation Method 8

Method 8 Mode: 5

(24-hr avg conc. with monthly F(RH) data)

Monthly RH factor for small particles:

1 .3850E+01  
2 .3440E+01  
3 .3140E+01  
4 .3240E+01  
5 .3660E+01  
6 .3710E+01  
7 .3490E+01  
8 .3510E+01  
9 .3730E+01  
10 .3720E+01  
11 .3680E+01  
12 .3880E+01

Monthly RH factor for large particles:

1 .2770E+01  
2 .2530E+01  
3 .2370E+01  
4 .2430E+01

5 .2680E+01  
 6 .2710E+01  
 7 .2590E+01  
 8 .2600E+01  
 9 .2710E+01  
 10 .2690E+01  
 11 .2670E+01  
 12 .2790E+01

Monthly RH factor for sea salt:

1 .3900E+01  
 2 .3520E+01  
 3 .3310E+01  
 4 .3410E+01  
 5 .3830E+01  
 6 .3880E+01  
 7 .3690E+01  
 8 .3680E+01  
 9 .3820E+01  
 10 .3760E+01  
 11 .3770E+01  
 12 .3930E+01

Rayleigh scattering extinction (1/Mm): 11.00

Monthly background conc. (ug/m\*\*3):

	(NH4)2SO4	(NH4)NO3	PM-C	OC	SOIL	EC	SEA SALT
1	.2300E+00	.1000E+00	.3000E+01	.1800E+01	.5000E+00	.2000E-01	.3000E-01
2	.2300E+00	.1000E+00	.3000E+01	.1800E+01	.5000E+00	.2000E-01	.3000E-01
3	.2300E+00	.1000E+00	.3000E+01	.1800E+01	.5000E+00	.2000E-01	.3000E-01
4	.2300E+00	.1000E+00	.3000E+01	.1800E+01	.5000E+00	.2000E-01	.3000E-01
5	.2300E+00	.1000E+00	.3000E+01	.1800E+01	.5000E+00	.2000E-01	.3000E-01
6	.2300E+00	.1000E+00	.3000E+01	.1800E+01	.5000E+00	.2000E-01	.3000E-01
7	.2300E+00	.1000E+00	.3000E+01	.1800E+01	.5000E+00	.2000E-01	.3000E-01
8	.2300E+00	.1000E+00	.3000E+01	.1800E+01	.5000E+00	.2000E-01	.3000E-01
9	.2300E+00	.1000E+00	.3000E+01	.1800E+01	.5000E+00	.2000E-01	.3000E-01
10	.2300E+00	.1000E+00	.3000E+01	.1800E+01	.5000E+00	.2000E-01	.3000E-01
11	.2300E+00	.1000E+00	.3000E+01	.1800E+01	.5000E+00	.2000E-01	.3000E-01
12	.2300E+00	.1000E+00	.3000E+01	.1800E+01	.5000E+00	.2000E-01	.3000E-01

Optional output file for visibility 1

Create file of DAILY (24 hour) Delta-Deciview

Output options

Units requested for output: (1/Mega-m)

Averaging time(s) selected

User-specified averaging time (hr:mm:ss): 0: 0: 0

1-pd averages: F  
 1-hr averages: F  
 3-hr averages: F  
 24-hr averages: T

User-specified averages: F  
Length of run averages: F

Output components selected

Top-50: F  
Top-N values at each receptor: F  
Exceedance counts at each receptor: F  
Output selected information for debugging: F  
Echo tables for selected days: F  
Time-series for selected days: F  
Peak value Time-series for selected days: F

Plot file option

Plot files created: F

MAPSPEC: Species Mapping

Number of species-levels in file : 9  
Number of species-levels processed: 10

Input ID	Processing ID	Name	
1	1	SO2	1
2	2	SO4	1
3	3	NOX	1
4	4	HNO3	1
5	5	NO3	1
6	6	PMC	1
7	7	PMF	1
8	8	EC	1
9	9	SOA	1

Visibility Species

	Processing ID	Name	
sulfate	2	SO4	1
no2gas	10	NO2	1
noxgas	3	NOX	1
nitrate	5	NO3	1
specpmf	7	PMF	1
specpmc	6	PMC	1
orgcarb	9	SOA	1
lmncarb	8	EC	1

IDENTIFICATION OF PROCESSED MODEL FILE -----

CALPUFF 5.8.4 130731

CLECO, Brame, Nesbitt  
ALM-step1  
Repartitioning of NO3/HNO3

Averaging time for values reported from model:  
1 HOUR

Number of averaging periods in file from model:



navg,ntop = 0 4  
navgh,navgm,navgs = 0 0 0  
itop = 1 2 3 4  
L[1,3,24]HR = F F T  
LNAVG, LRUNL = F F  
LT50, LTOPN, LEXCD = F F F  
LECHO, LTIME, LPEAK = F F F  
THRESH1 = -1.00000000  
THRESH3 = -1.00000000  
THRESH24 = -1.00000000  
THRESHN = -1.00000000  
LPLT, LGRD = F F  
MDVIS = 1  
LDEBUG = F  
LCTSG = F

CONTENTS OF HEADER OF MODEL OUTPUT FILE -----

model: CALPUFF 5.8.4 130731  
msyr,mjsday = 2001 365  
mshr,mssec = 23 0  
nsecdt (period) = 3600  
xbtz = 6.00000000  
mnper,nszout,mavgpd = 8753 9 1  
xorigkm,yorigkm,nssta = -951.547058 -1646.63708 0  
ielmet,jelmet = 462 376  
delx,dely,nz = 4.00000000 4.00000000 1  
iastar,iastop,jastar,jastop = 288 451 117 274  
isastr,isastp,jsastr,jsastp = 1 462 1 376  
(computed) ngx,ngy = 462 376  
meshdn,npts,nareas = 1 1 0  
nlines,nvols = 0 0  
ndrec,nctrec,LSGRID = 120 0 F

Discrete Receptors (n,x,y,z):

1 270.325867 -617.518921 365.000000  
2 271.090393 -617.494019 365.000000  
3 271.854797 -617.469116 368.000000  
4 268.767273 -616.646362 411.000000  
5 269.531677 -616.621704 462.000000  
6 270.295959 -616.597046 431.000000  
7 271.060364 -616.572144 518.000000  
8 271.824768 -616.547241 487.000000  
9 272.589050 -616.522339 396.000000  
10 265.680481 -615.822632 518.000000  
11 266.444763 -615.798218 523.000000  
12 267.209045 -615.773682 548.000000  
13 267.973328 -615.749146 579.000000  
14 268.737610 -615.724487 547.000000  
15 269.501892 -615.699829 538.000000  
16 270.266174 -615.675049 640.000000  
17 271.030334 -615.650269 608.000000  
18 260.301697 -615.069458 335.000000  
19 261.065857 -615.045532 431.000000  
20 261.830139 -615.021606 457.000000  
21 262.594299 -614.997559 414.000000  
22 263.358459 -614.973511 426.000000

23 264.122742 -614.949341 426.000000  
24 264.886902 -614.924927 388.000000  
25 265.651062 -614.900635 388.000000  
26 266.415344 -614.876343 365.000000  
27 267.179504 -614.851807 386.000000  
28 267.943665 -614.827271 396.000000  
29 268.707825 -614.802612 426.000000  
30 269.471985 -614.777954 446.000000  
31 270.236267 -614.753174 441.000000  
32 271.000427 -614.728394 457.000000  
33 271.764587 -614.703491 465.000000  
34 272.528748 -614.678589 442.000000  
35 273.293030 -614.653442 426.000000  
36 260.272888 -614.147583 304.000000  
37 261.036926 -614.123657 304.000000  
38 261.801086 -614.099731 319.000000  
39 262.565247 -614.075684 334.000000  
40 263.329407 -614.051636 370.000000  
41 264.093567 -614.027344 405.000000  
42 264.857605 -614.003052 409.000000  
43 265.621765 -613.978760 450.000000  
44 266.385803 -613.954346 518.000000  
45 267.149963 -613.929932 609.000000  
46 267.914124 -613.905396 534.000000  
47 268.678162 -613.880737 517.000000  
48 269.442200 -613.856079 575.000000  
49 270.206360 -613.831299 600.000000  
50 270.970520 -613.806519 609.000000  
51 271.734558 -613.781616 609.000000  
52 272.498596 -613.756714 561.000000  
53 261.008118 -613.201782 335.000000  
54 261.772156 -613.177856 432.000000  
55 262.536194 -613.153809 487.000000  
56 263.300232 -613.129639 499.000000  
57 264.064270 -613.105469 514.000000  
58 264.828308 -613.081177 442.000000  
59 265.592346 -613.056885 439.000000  
60 266.356384 -613.032471 395.000000  
61 267.120422 -613.007935 400.000000  
62 267.884460 -612.983521 426.000000  
63 268.648499 -612.958862 487.000000  
64 269.412415 -612.934204 548.000000  
65 270.176453 -612.909424 548.000000  
66 270.940491 -612.884644 548.000000  
67 271.704529 -612.859741 535.000000  
68 261.743225 -612.255981 304.000000  
69 262.507141 -612.231812 334.000000  
70 263.271179 -612.207764 396.000000  
71 264.035095 -612.183594 457.000000  
72 264.799011 -612.159302 457.000000  
73 265.563049 -612.135010 426.000000  
74 266.326965 -612.110596 411.000000  
75 267.090881 -612.086182 406.000000  
76 267.854797 -612.061646 396.000000  
77 268.618713 -612.036987 401.000000  
78 269.382629 -612.012329 397.000000

79 261.714294 -611.334106 322.000000  
80 262.478088 -611.309937 334.000000  
81 777.710144 -1118.01306 0.00000000E+00  
82 779.970764 -1115.93896 0.00000000E+00  
83 780.696716 -1114.93750 0.00000000E+00  
84 781.422424 -1113.93604 0.00000000E+00  
85 785.606995 -1106.06689 0.00000000E+00  
86 789.226868 -1101.05811 0.00000000E+00  
87 789.783264 -1098.19727 0.00000000E+00  
88 791.229431 -1096.19348 1.00000000  
89 791.145813 -1095.26416 1.00000000  
90 791.784729 -1093.33289 1.00000000  
91 791.700989 -1092.40356 1.00000000  
92 792.339539 -1090.47253 1.00000000  
93 792.255920 -1089.54321 1.00000000  
94 792.172058 -1088.61401 1.00000000  
95 792.088196 -1087.68494 1.00000000  
96 792.004456 -1086.75574 0.00000000E+00  
97 791.920715 -1085.82666 0.00000000E+00  
98 791.753235 -1083.96826 0.00000000E+00  
99 792.558533 -1083.89575 1.00000000  
100 792.474670 -1082.96667 1.00000000  
101 791.585754 -1082.11023 0.00000000E+00  
102 792.390930 -1082.03760 1.00000000  
103 791.502014 -1081.18127 0.00000000E+00  
104 792.307068 -1081.10864 1.00000000  
105 791.418152 -1080.25220 1.00000000  
106 791.334412 -1079.32324 1.00000000  
107 790.445862 -1078.46667 0.00000000E+00  
108 791.250549 -1078.39417 1.00000000  
109 790.362244 -1077.53772 0.00000000E+00  
110 791.166931 -1077.46521 1.00000000  
111 790.278625 -1076.60876 0.00000000E+00  
112 790.194885 -1075.67993 0.00000000E+00  
113 790.111267 -1074.75098 1.00000000  
114 789.223206 -1073.89453 0.00000000E+00  
115 789.139709 -1072.96558 0.00000000E+00  
116 788.251770 -1072.10913 0.00000000E+00  
117 788.168274 -1071.18030 1.00000000  
118 787.280823 -1070.32373 0.00000000E+00  
119 786.393372 -1069.46704 0.00000000E+00  
120 785.506165 -1068.61035 0.00000000E+00

Surface Met Station UTM's (n,x,y):

Control-file POINT Sources : 1  
EMARB-file POINT Sources : 0  
Control-file AREA Sources : 0  
EMARB-file AREA Sources : 0  
Control-file LINE Sources : 0  
EMARB-file LINE Sources : 0  
Control-file VOLUME Sources: 0  
EMARB-file VOLUME Sources : 0

Source Names  
UNIT 1

-----  
INPUT FILES

Default Name	Unit No.	File Name and Path
CALPOST.INP	5	CT_NESBITT_02D_CACR.inp
MODEL.DAT	4	pu_nesbitt_02d.flx

-----  
OUTPUT FILES

Default Name	Unit No.	File Name and Path
CALPOST.LST	8	ct_nesbitt_02d_cacr.lst

\*\*\*\*\*  
\*\*\*\*\*  
CALPOST Version 6.221      Level 080724  
\*\*\*\*\*  
\*\*\*\*\*

24HR VISIBILITY

VISIB BOESNCFG

(1/Mega-m)

START TIME		Modeled Extinction by Species											
Small	Large	SSalt											
YEAR	DAY	HR	RECEPTOR	COORDINATES (km)			TYPE	BEXT(Model)	BEXT(BKG)	BEXT(Total)			
%CHANGE	bxSO4	bxNO3	bxOC	bxEC	bxPMC	bxPMF	bxNO2	F(RH)	F(RH)	F(RH)			
2001	365	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	1	23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900							
2002	2	23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900							
2002	3	23	35	273.293	-614.653	D	0.162	22.161	22.322	0.73	0.073	0.085	0.000
0.001	0.000	0.001	0.000	3.850	2.770	3.900							
2002	4	23	35	273.293	-614.653	D	0.259	22.161	22.420	1.17	0.141	0.107	0.001
0.002	0.000	0.002	0.006	3.850	2.770	3.900							
2002	5	23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900							
2002	6	23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900							
2002	7	23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000

0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	8 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	9 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	10 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	11 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	12 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	13 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	14 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	15 23	35	273.293	-614.653	D	0.289	22.161	22.450	1.31	0.111	0.159	0.001
0.004	0.001	0.005	0.006	3.850	2.770	3.900						
2002	16 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	17 23	3	271.855	-617.469	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	18 23	3	271.855	-617.469	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	19 23	9	272.589	-616.522	D	0.056	22.161	22.217	0.25	0.035	0.019	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	20 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	21 23	7	271.060	-616.572	D	0.522	22.161	22.683	2.36	0.280	0.223	0.002
0.005	0.001	0.006	0.004	3.850	2.770	3.900						
2002	22 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	23 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	24 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	25 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	26 23	9	272.589	-616.522	D	0.869	22.161	23.030	3.92	0.564	0.280	0.003
0.009	0.003	0.011	0.000	3.850	2.770	3.900						
2002	27 23	35	273.293	-614.653	D	0.008	22.161	22.169	0.04	0.005	0.003	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	28 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	29 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	30 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	31 23	1	270.326	-617.519	D	0.000	22.161	22.161	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.850	2.770	3.900						
2002	32 23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520						
2002	33 23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520						
2002	34 23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520						
2002	35 23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000

0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	36	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	37	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	38	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	39	23	35	273.293	-614.653	D	0.305	21.835	22.139	1.40	0.191	0.108	0.001
0.002	0.001	0.003	0.000	3.440	2.530	3.520							
2002	40	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	41	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	42	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	43	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	44	23	18	260.302	-615.069	D	0.077	21.835	21.912	0.35	0.048	0.027	0.000
0.001	0.000	0.001	0.000	3.440	2.530	3.520							
2002	45	23	35	273.293	-614.653	D	0.074	21.835	21.909	0.34	0.042	0.029	0.000
0.001	0.000	0.001	0.000	3.440	2.530	3.520							
2002	46	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	47	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	48	23	20	261.830	-615.022	D	1.590	21.835	23.424	7.28	0.574	0.936	0.007
0.022	0.007	0.028	0.016	3.440	2.530	3.520							
2002	49	23	35	273.293	-614.653	D	0.105	21.835	21.939	0.48	0.033	0.062	0.001
0.002	0.001	0.003	0.003	3.440	2.530	3.520							
2002	50	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	51	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	52	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	53	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	54	23	35	273.293	-614.653	D	0.020	21.835	21.855	0.09	0.015	0.005	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	55	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	56	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	57	23	1	270.326	-617.519	D	0.000	21.835	21.835	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.440	2.530	3.520							
2002	58	23	18	260.302	-615.069	D	0.156	21.835	21.991	0.72	0.085	0.067	0.000
0.001	0.000	0.002	0.000	3.440	2.530	3.520							
2002	59	23	18	260.302	-615.069	D	0.786	21.835	22.621	3.60	0.312	0.427	0.004
0.011	0.003	0.014	0.015	3.440	2.530	3.520							
2002	60	23	18	260.302	-615.069	D	0.015	21.600	21.615	0.07	0.004	0.010	0.000
0.000	0.000	0.000	0.001	3.140	2.370	3.310							
2002	61	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	62	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	63	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000

0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	64	23	2	271.090	-617.494	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	65	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	66	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	67	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	68	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	69	23	18	260.302	-615.069	D	0.207	21.600	21.807	0.96	0.091	0.107	0.001
0.002	0.001	0.002	0.004	3.140	2.370	3.310							
2002	70	23	18	260.302	-615.069	D	0.006	21.600	21.605	0.03	0.003	0.002	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	71	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	72	23	35	273.293	-614.653	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	73	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	74	23	3	271.855	-617.469	D	0.012	21.600	21.612	0.06	0.008	0.004	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	75	23	3	271.855	-617.469	D	0.580	21.600	22.180	2.69	0.381	0.191	0.001
0.003	0.001	0.003	0.001	3.140	2.370	3.310							
2002	76	23	1	270.326	-617.519	D	0.083	21.600	21.683	0.38	0.058	0.024	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	77	23	3	271.855	-617.469	D	0.131	21.600	21.731	0.61	0.054	0.067	0.001
0.002	0.001	0.002	0.006	3.140	2.370	3.310							
2002	78	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	79	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	80	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	81	23	3	271.855	-617.469	D	0.443	21.600	22.042	2.05	0.330	0.098	0.002
0.005	0.002	0.006	0.000	3.140	2.370	3.310							
2002	82	23	35	273.293	-614.653	D	0.030	21.600	21.630	0.14	0.023	0.005	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	83	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	84	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	85	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	86	23	9	272.589	-616.522	D	0.227	21.600	21.827	1.05	0.171	0.048	0.001
0.002	0.001	0.003	0.000	3.140	2.370	3.310							
2002	87	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	88	23	1	270.326	-617.519	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	89	23	3	271.855	-617.469	D	0.000	21.600	21.600	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	90	23	3	271.855	-617.469	D	0.020	21.600	21.620	0.09	0.018	0.001	0.000
0.000	0.000	0.000	0.000	3.140	2.370	3.310							
2002	91	23	35	273.293	-614.653	D	0.016	21.680	21.696	0.08	0.015	0.001	0.000

0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	92	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	93	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	94	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	95	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	96	23	18	260.302	-615.069	D	0.560	21.680	22.240	2.58	0.244	0.274	0.003
0.010	0.003	0.013	0.014	3.240	2.430	3.410							
2002	97	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	98	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	99	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	100	23	3	271.855	-617.469	D	0.257	21.680	21.937	1.19	0.236	0.016	0.001
0.002	0.001	0.002	0.000	3.240	2.430	3.410							
2002	101	23	35	273.293	-614.653	D	0.081	21.680	21.760	0.37	0.067	0.012	0.000
0.001	0.000	0.001	0.000	3.240	2.430	3.410							
2002	102	23	3	271.855	-617.469	D	0.204	21.680	21.883	0.94	0.183	0.017	0.000
0.001	0.000	0.002	0.000	3.240	2.430	3.410							
2002	103	23	9	272.589	-616.522	D	0.104	21.680	21.784	0.48	0.085	0.018	0.000
0.001	0.000	0.001	0.000	3.240	2.430	3.410							
2002	104	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	105	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	106	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	107	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	108	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	109	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	110	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	111	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	112	23	3	271.855	-617.469	D	1.397	21.680	23.077	6.44	1.044	0.304	0.005
0.015	0.005	0.019	0.005	3.240	2.430	3.410							
2002	113	23	67	271.705	-612.860	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	114	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	115	23	18	260.302	-615.069	D	0.084	21.680	21.764	0.39	0.063	0.020	0.000
0.000	0.000	0.001	0.000	3.240	2.430	3.410							
2002	116	23	18	260.302	-615.069	D	0.119	21.680	21.798	0.55	0.058	0.052	0.001
0.002	0.001	0.002	0.003	3.240	2.430	3.410							
2002	117	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	118	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	119	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000

0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	120	23	1	270.326	-617.519	D	0.000	21.680	21.680	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.240	2.430	3.410							
2002	121	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	122	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	123	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	124	23	3	271.855	-617.469	D	0.222	22.015	22.237	1.01	0.199	0.018	0.001
0.001	0.000	0.002	0.000	3.660	2.680	3.830							
2002	125	23	67	271.705	-612.860	D	0.022	22.015	22.038	0.10	0.019	0.003	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	126	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	127	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	128	23	3	271.855	-617.469	D	0.000	22.015	22.016	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	129	23	9	272.589	-616.522	D	0.059	22.015	22.074	0.27	0.041	0.017	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	130	23	18	260.302	-615.069	D	0.268	22.015	22.283	1.22	0.147	0.113	0.001
0.002	0.001	0.003	0.001	3.660	2.680	3.830							
2002	131	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	132	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	133	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	134	23	11	266.445	-615.798	D	0.641	22.015	22.657	2.91	0.573	0.043	0.003
0.009	0.003	0.011	0.000	3.660	2.680	3.830							
2002	135	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	136	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	137	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	138	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	139	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	140	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	141	23	18	260.302	-615.069	D	0.444	22.015	22.460	2.02	0.364	0.061	0.002
0.006	0.002	0.008	0.001	3.660	2.680	3.830							
2002	142	23	35	273.293	-614.653	D	0.001	22.015	22.016	0.00	0.001	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	143	23	35	273.293	-614.653	D	0.003	22.015	22.019	0.02	0.003	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	144	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	145	23	1	270.326	-617.519	D	0.000	22.015	22.015	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	146	23	35	273.293	-614.653	D	0.011	22.015	22.027	0.05	0.009	0.002	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	147	23	35	273.293	-614.653	D	0.083	22.015	22.098	0.38	0.054	0.027	0.000

0.000	0.000	0.001	0.000	3.660	2.680	3.830							
2002	148	23	67	271.705	-612.860	D	0.001	22.015	22.016	0.00	0.001	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	149	23	3	271.855	-617.469	D	0.067	22.015	22.083	0.31	0.062	0.005	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	150	23	1	270.326	-617.519	D	0.000	22.015	22.016	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	151	23	2	271.090	-617.494	D	0.005	22.015	22.021	0.02	0.005	0.001	0.000
0.000	0.000	0.000	0.000	3.660	2.680	3.830							
2002	152	23	3	271.855	-617.469	D	0.103	22.055	22.158	0.47	0.080	0.022	0.000
0.001	0.000	0.001	0.000	3.710	2.710	3.880							
2002	153	23	35	273.293	-614.653	D	0.002	22.055	22.058	0.01	0.002	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	154	23	35	273.293	-614.653	D	0.000	22.055	22.056	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	155	23	1	270.326	-617.519	D	0.000	22.055	22.055	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	156	23	1	270.326	-617.519	D	0.000	22.055	22.055	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	157	23	1	270.326	-617.519	D	0.000	22.055	22.055	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	158	23	3	271.855	-617.469	D	0.001	22.055	22.056	0.00	0.001	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	159	23	3	271.855	-617.469	D	0.217	22.055	22.273	0.99	0.165	0.047	0.001
0.002	0.001	0.002	0.000	3.710	2.710	3.880							
2002	160	23	35	273.293	-614.653	D	0.777	22.055	22.833	3.52	0.545	0.199	0.003
0.008	0.003	0.011	0.009	3.710	2.710	3.880							
2002	161	23	35	273.293	-614.653	D	0.207	22.055	22.262	0.94	0.176	0.026	0.001
0.002	0.000	0.002	0.001	3.710	2.710	3.880							
2002	162	23	35	273.293	-614.653	D	0.072	22.055	22.128	0.33	0.069	0.001	0.000
0.001	0.000	0.001	0.000	3.710	2.710	3.880							
2002	163	23	1	270.326	-617.519	D	0.000	22.055	22.055	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	164	23	1	270.326	-617.519	D	0.000	22.055	22.055	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	165	23	1	270.326	-617.519	D	0.000	22.055	22.055	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	166	23	1	270.326	-617.519	D	0.000	22.055	22.055	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	167	23	1	270.326	-617.519	D	0.000	22.055	22.055	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	168	23	1	270.326	-617.519	D	0.000	22.055	22.055	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	169	23	18	260.302	-615.069	D	0.208	22.055	22.264	0.94	0.197	0.003	0.001
0.003	0.001	0.003	0.000	3.710	2.710	3.880							
2002	170	23	52	272.499	-613.757	D	0.384	22.055	22.439	1.74	0.329	0.040	0.002
0.005	0.001	0.006	0.001	3.710	2.710	3.880							
2002	171	23	1	270.326	-617.519	D	0.000	22.055	22.055	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	172	23	1	270.326	-617.519	D	0.000	22.055	22.055	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	173	23	1	270.326	-617.519	D	0.000	22.055	22.055	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	174	23	1	270.326	-617.519	D	0.000	22.055	22.055	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	175	23	1	270.326	-617.519	D	0.010	22.055	22.065	0.04	0.009	0.001	0.000

0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	176	23	3	271.855	-617.469	D	0.100	22.055	22.155	0.45	0.084	0.015	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	177	23	35	273.293	-614.653	D	0.015	22.055	22.070	0.07	0.013	0.001	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	178	23	3	271.855	-617.469	D	0.433	22.055	22.488	1.96	0.414	0.014	0.001
0.002	0.001	0.002	0.000	3.710	2.710	3.880							
2002	179	23	67	271.705	-612.860	D	0.026	22.055	22.081	0.12	0.023	0.002	0.000
0.000	0.000	0.000	0.000	3.710	2.710	3.880							
2002	180	23	35	273.293	-614.653	D	0.117	22.055	22.172	0.53	0.087	0.026	0.000
0.001	0.000	0.002	0.001	3.710	2.710	3.880							
2002	181	23	35	273.293	-614.653	D	0.199	22.055	22.254	0.90	0.169	0.026	0.000
0.001	0.000	0.002	0.000	3.710	2.710	3.880							
2002	182	23	1	270.326	-617.519	D	0.028	21.881	21.909	0.13	0.022	0.005	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	183	23	35	273.293	-614.653	D	0.059	21.881	21.940	0.27	0.051	0.007	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	184	23	1	270.326	-617.519	D	0.448	21.881	22.329	2.05	0.406	0.036	0.001
0.002	0.001	0.002	0.000	3.490	2.590	3.690							
2002	185	23	18	260.302	-615.069	D	0.108	21.881	21.990	0.50	0.099	0.009	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	186	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	187	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	188	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	189	23	3	271.855	-617.469	D	0.002	21.881	21.883	0.01	0.002	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	190	23	1	270.326	-617.519	D	0.015	21.881	21.896	0.07	0.014	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	191	23	3	271.855	-617.469	D	0.014	21.881	21.896	0.07	0.013	0.001	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	192	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	193	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	194	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	195	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	196	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	197	23	9	272.589	-616.522	D	0.001	21.881	21.882	0.01	0.001	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	198	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	199	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	200	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	201	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	202	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	203	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000

0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	204	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	205	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	206	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	207	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	208	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	209	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	210	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	211	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	212	23	1	270.326	-617.519	D	0.000	21.881	21.881	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.490	2.590	3.690							
2002	213	23	1	270.326	-617.519	D	0.000	21.896	21.896	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.510	2.600	3.680							
2002	214	23	1	270.326	-617.519	D	0.000	21.896	21.896	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.510	2.600	3.680							
2002	215	23	1	270.326	-617.519	D	0.000	21.896	21.896	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.510	2.600	3.680							
2002	216	23	1	270.326	-617.519	D	0.000	21.896	21.896	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.510	2.600	3.680							
2002	217	23	1	270.326	-617.519	D	0.000	21.896	21.896	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.510	2.600	3.680							
2002	218	23	1	270.326	-617.519	D	0.000	21.896	21.896	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.510	2.600	3.680							
2002	219	23	1	270.326	-617.519	D	0.000	21.896	21.896	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.510	2.600	3.680							
2002	220	23	18	260.302	-615.069	D	0.007	21.896	21.902	0.03	0.006	0.000	0.000
0.000	0.000	0.000	0.000	3.510	2.600	3.680							
2002	221	23	36	260.273	-614.148	D	0.588	21.896	22.484	2.69	0.387	0.186	0.002
0.005	0.002	0.007	0.000	3.510	2.600	3.680							
2002	222	23	18	260.302	-615.069	D	0.193	21.896	22.089	0.88	0.181	0.003	0.001
0.003	0.001	0.004	0.000	3.510	2.600	3.680							
2002	223	23	35	273.293	-614.653	D	0.247	21.896	22.142	1.13	0.213	0.025	0.001
0.003	0.001	0.004	0.000	3.510	2.600	3.680							
2002	224	23	1	270.326	-617.519	D	0.000	21.896	21.896	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.510	2.600	3.680							
2002	225	23	1	270.326	-617.519	D	0.000	21.896	21.896	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.510	2.600	3.680							
2002	226	23	1	270.326	-617.519	D	0.000	21.896	21.896	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.510	2.600	3.680							
2002	227	23	35	273.293	-614.653	D	0.046	21.896	21.942	0.21	0.040	0.003	0.000
0.000	0.000	0.000	0.002	3.510	2.600	3.680							
2002	228	23	1	270.326	-617.519	D	0.000	21.896	21.896	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.510	2.600	3.680							
2002	229	23	1	270.326	-617.519	D	0.000	21.896	21.896	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.510	2.600	3.680							
2002	230	23	1	270.326	-617.519	D	0.000	21.896	21.896	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.510	2.600	3.680							
2002	231	23	9	272.589	-616.522	D	0.002	21.896	21.898	0.01	0.002	0.000	0.000





0.000	0.000	0.000	0.000	3.720	2.690	3.760							
2002	288	23	1	270.326	-617.519	D	0.000	22.056	22.056	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.720	2.690	3.760							
2002	289	23	1	270.326	-617.519	D	0.000	22.056	22.056	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.720	2.690	3.760							
2002	290	23	9	272.589	-616.522	D	0.231	22.056	22.288	1.05	0.203	0.025	0.000
0.001	0.000	0.002	0.000	3.720	2.690	3.760							
2002	291	23	3	271.855	-617.469	D	0.009	22.056	22.065	0.04	0.000	0.006	0.000
0.000	0.000	0.000	0.003	3.720	2.690	3.760							
2002	292	23	9	272.589	-616.522	D	0.014	22.056	22.071	0.07	0.007	0.008	0.000
0.000	0.000	0.000	0.000	3.720	2.690	3.760							
2002	293	23	1	270.326	-617.519	D	0.025	22.056	22.081	0.11	0.013	0.012	0.000
0.000	0.000	0.000	0.000	3.720	2.690	3.760							
2002	294	23	1	270.326	-617.519	D	0.003	22.056	22.060	0.01	0.002	0.002	0.000
0.000	0.000	0.000	0.000	3.720	2.690	3.760							
2002	295	23	3	271.855	-617.469	D	0.001	22.056	22.057	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.720	2.690	3.760							
2002	296	23	1	270.326	-617.519	D	0.000	22.056	22.057	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.720	2.690	3.760							
2002	297	23	3	271.855	-617.469	D	0.263	22.056	22.319	1.19	0.198	0.060	0.000
0.001	0.000	0.002	0.000	3.720	2.690	3.760							
2002	298	23	3	271.855	-617.469	D	0.015	22.056	22.072	0.07	0.011	0.004	0.000
0.000	0.000	0.000	0.000	3.720	2.690	3.760							
2002	299	23	18	260.302	-615.069	D	0.000	22.056	22.057	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.720	2.690	3.760							
2002	300	23	1	270.326	-617.519	D	0.012	22.056	22.068	0.05	0.004	0.007	0.000
0.000	0.000	0.000	0.001	3.720	2.690	3.760							
2002	301	23	35	273.293	-614.653	D	0.038	22.056	22.094	0.17	0.014	0.023	0.000
0.000	0.000	0.000	0.001	3.720	2.690	3.760							
2002	302	23	1	270.326	-617.519	D	0.000	22.056	22.056	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.720	2.690	3.760							
2002	303	23	1	270.326	-617.519	D	0.000	22.056	22.056	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.720	2.690	3.760							
2002	304	23	1	270.326	-617.519	D	0.000	22.056	22.056	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.720	2.690	3.760							
2002	305	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	306	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	307	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	308	23	3	271.855	-617.469	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	309	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	310	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	311	23	9	272.589	-616.522	D	0.043	22.027	22.070	0.20	0.031	0.011	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	312	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	313	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	314	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	315	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000

0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	316	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	317	23	9	272.589	-616.522	D	0.009	22.027	22.036	0.04	0.006	0.003	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	318	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	319	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	320	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	321	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	322	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	323	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	324	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	325	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	326	23	9	272.589	-616.522	D	0.169	22.027	22.196	0.77	0.124	0.040	0.001
0.002	0.001	0.002	0.000	3.680	2.670	3.770							
2002	327	23	9	272.589	-616.522	D	0.106	22.027	22.133	0.48	0.060	0.043	0.000
0.001	0.000	0.001	0.000	3.680	2.670	3.770							
2002	328	23	3	271.855	-617.469	D	0.016	22.027	22.043	0.07	0.011	0.004	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	329	23	9	272.589	-616.522	D	0.001	22.027	22.028	0.00	0.001	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	330	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	331	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	332	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	333	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	334	23	1	270.326	-617.519	D	0.000	22.027	22.027	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.680	2.670	3.770							
2002	335	23	3	271.855	-617.469	D	0.002	22.185	22.187	0.01	0.001	0.001	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	336	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	337	23	3	271.855	-617.469	D	0.011	22.185	22.196	0.05	0.007	0.004	0.000
0.000	0.000	0.000	0.001	3.880	2.790	3.930							
2002	338	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	339	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	340	23	3	271.855	-617.469	D	0.157	22.185	22.342	0.71	0.094	0.060	0.000
0.001	0.000	0.001	0.000	3.880	2.790	3.930							
2002	341	23	9	272.589	-616.522	D	2.463	22.185	24.648	11.10	1.589	0.831	0.005
0.014	0.004	0.018	0.002	3.880	2.790	3.930							
2002	342	23	18	260.302	-615.069	D	0.138	22.185	22.323	0.62	0.097	0.039	0.000
0.001	0.000	0.001	0.000	3.880	2.790	3.930							
2002	343	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000

0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	344	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	345	23	18	260.302	-615.069	D	1.558	22.185	23.743	7.02	1.009	0.518	0.003
0.010	0.003	0.012	0.002	3.880	2.790	3.930							
2002	346	23	18	260.302	-615.069	D	0.001	22.185	22.186	0.00	0.000	0.001	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	347	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	348	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	349	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	350	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	351	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	352	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	353	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	354	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	355	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	356	23	3	271.855	-617.469	D	0.003	22.185	22.188	0.01	0.002	0.001	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	357	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	358	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	359	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	360	23	3	271.855	-617.469	D	0.076	22.185	22.261	0.34	0.045	0.030	0.000
0.000	0.000	0.001	0.000	3.880	2.790	3.930							
2002	361	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	362	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							
2002	363	23	1	270.326	-617.519	D	0.000	22.185	22.185	0.00	0.000	0.000	0.000
0.000	0.000	0.000	0.000	3.880	2.790	3.930							

--- Ranked Daily Visibility Change ---

START TIME													Modeled Extinction by Species			
Small Large SSalt																
YEAR	DAY	HR	RECEPTOR	COORDINATES (km)			TYPE	BEXT(Model)	BEXT(BKG)	BEXT(Total)						
%CHANGE	bxSO4	bxNO3	bxOC	bxEC	bxPMC	bxPMF	bxNO2	F(RH)	F(RH)	F(RH)						
2002	341	23	9	272.589	-616.522	D	2.463	22.185	24.648	11.10	1.589	0.831	0.005			
0.014	0.004	0.018	0.002	3.880	2.790	3.930	1									
2002	48	23	20	261.830	-615.022	D	1.590	21.835	23.424	7.28	0.574	0.936	0.007			
0.022	0.007	0.028	0.016	3.440	2.530	3.520	2									
2002	345	23	18	260.302	-615.069	D	1.558	22.185	23.743	7.02	1.009	0.518	0.003			
0.010	0.003	0.012	0.002	3.880	2.790	3.930	3									
2002	112	23	3	271.855	-617.469	D	1.397	21.680	23.077	6.44	1.044	0.304	0.005			
0.015	0.005	0.019	0.005	3.240	2.430	3.410	4									

2002 233 23	3	271.855	-617.469	D	0.931	21.896	22.827	4.25	0.904	0.008	0.002
0.007	0.002	0.008	0.000	3.510	2.600	3.680	5				
2002 26 23	9	272.589	-616.522	D	0.869	22.161	23.030	3.92	0.564	0.280	0.003
0.009	0.003	0.011	0.000	3.850	2.770	3.900	6				
2002 232 23	35	273.293	-614.653	D	0.857	21.896	22.753	3.91	0.745	0.097	0.002
0.005	0.002	0.007	0.000	3.510	2.600	3.680	7				
2002 59 23	18	260.302	-615.069	D	0.786	21.835	22.621	3.60	0.312	0.427	0.004
0.011	0.003	0.014	0.015	3.440	2.530	3.520	8				
2002 160 23	35	273.293	-614.653	D	0.777	22.055	22.833	3.52	0.545	0.199	0.003
0.008	0.003	0.011	0.009	3.710	2.710	3.880	9				
2002 134 23	11	266.445	-615.798	D	0.641	22.015	22.657	2.91	0.573	0.043	0.003
0.009	0.003	0.011	0.000	3.660	2.680	3.830	10				
2002 221 23	36	260.273	-614.148	D	0.588	21.896	22.484	2.69	0.387	0.186	0.002
0.005	0.002	0.007	0.000	3.510	2.600	3.680	11				
2002 75 23	3	271.855	-617.469	D	0.580	21.600	22.180	2.69	0.381	0.191	0.001
0.003	0.001	0.003	0.001	3.140	2.370	3.310	12				
2002 96 23	18	260.302	-615.069	D	0.560	21.680	22.240	2.58	0.244	0.274	0.003
0.010	0.003	0.013	0.014	3.240	2.430	3.410	13				
2002 274 23	35	273.293	-614.653	D	0.545	22.056	22.601	2.47	0.422	0.104	0.002
0.006	0.002	0.007	0.001	3.720	2.690	3.760	14				
2002 21 23	7	271.060	-616.572	D	0.522	22.161	22.683	2.36	0.280	0.223	0.002
0.005	0.001	0.006	0.004	3.850	2.770	3.900	15				
2002 184 23	1	270.326	-617.519	D	0.448	21.881	22.329	2.05	0.406	0.036	0.001
0.002	0.001	0.002	0.000	3.490	2.590	3.690	16				
2002 81 23	3	271.855	-617.469	D	0.443	21.600	22.042	2.05	0.330	0.098	0.002
0.005	0.002	0.006	0.000	3.140	2.370	3.310	17				
2002 141 23	18	260.302	-615.069	D	0.444	22.015	22.460	2.02	0.364	0.061	0.002
0.006	0.002	0.008	0.001	3.660	2.680	3.830	18				
2002 178 23	3	271.855	-617.469	D	0.433	22.055	22.488	1.96	0.414	0.014	0.001
0.002	0.001	0.002	0.000	3.710	2.710	3.880	19				
2002 170 23	52	272.499	-613.757	D	0.384	22.055	22.439	1.74	0.329	0.040	0.002
0.005	0.001	0.006	0.001	3.710	2.710	3.880	20				
2002 272 23	18	260.302	-615.069	D	0.312	22.067	22.379	1.41	0.299	0.006	0.001
0.002	0.001	0.003	0.000	3.730	2.710	3.820	21				
2002 39 23	35	273.293	-614.653	D	0.305	21.835	22.139	1.40	0.191	0.108	0.001
0.002	0.001	0.003	0.000	3.440	2.530	3.520	22				

--- Number of days with Extinction Change => 5.0 % : 4  
 --- Number of days with Extinction Change => 10.0 % : 1  
 --- Largest Extinction Change = 11.10 %

\*\*\*\*\*  
 \*\*\*\*\*  
 CALPOST Version 6.221      Level 080724  
 \*\*\*\*\*  
 \*\*\*\*\*

Run-Length VISIBILITY

VISIB BOESNCFG

(1/Mega-m)

RECEPTOR COORDINATES (km) TYPE BEXT(Model) BEXT(BKG) BEXT(Total) %CHANGE

3 271.855 -617.469 D 0.065 21.955 22.020 0.30

--- Number of recs with Extinction Change > 1.0 % : 0

--- Largest Extinction Change = 0.30 %

\*\*\*\*\*  
\*\*\*\*\*

CALPOST Version 6.221 Level 080724

\*\*\*\*\*  
\*\*\*\*\*

24HR VISIBILITY

VISIB BOESNCFG

(deciview)

START TIME		% of Modeled Extinction by Species																	
YEAR	DAY	HR	RECEPTOR	COORDINATES (km)	TYPE	DV(Total)	DV(BKG)	DELTA DV	%_SO4	%_NO3	%_OC	%_EC	%_PMC	%_PMF	%_NO2	F(RH)	F(RH)	F(RH)	
2001	365	23	1	270.326 -617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00 0.00 3.880 2.790 3.930																
2002	1	23	1	270.326 -617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00 0.00 3.850 2.770 3.900																
2002	2	23	1	270.326 -617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00 0.00 3.850 2.770 3.900																
2002	3	23	35	273.293 -614.653	D	8.030	7.957	0.073	44.93	52.92	0.24	0.72	0.22						
			0.90 0.05 3.850 2.770 3.900																
2002	4	23	35	273.293 -614.653	D	8.074	7.957	0.116	54.45	41.49	0.21	0.62	0.19						
			0.78 2.26 3.850 2.770 3.900																
2002	5	23	1	270.326 -617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00 0.00 3.850 2.770 3.900																
2002	6	23	1	270.326 -617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00 0.00 3.850 2.770 3.900																
2002	7	23	1	270.326 -617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00 0.00 3.850 2.770 3.900																
2002	8	23	1	270.326 -617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00 0.00 3.850 2.770 3.900																
2002	9	23	1	270.326 -617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00 0.00 3.850 2.770 3.900																
2002	10	23	1	270.326 -617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00 0.00 3.850 2.770 3.900																
2002	11	23	1	270.326 -617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00 0.00 3.850 2.770 3.900																
2002	12	23	1	270.326 -617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00 0.00 3.850 2.770 3.900																
2002	13	23	1	270.326 -617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	3.850	2.770	3.900										
2002	14	23	1	270.326	-617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.850	2.770	3.900										
2002	15	23	35	273.293	-614.653	D	8.087	7.957	0.130	38.49	54.99	0.51	1.51	0.45
1.88	2.17	3.850	2.770	3.900										
2002	16	23	1	270.326	-617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.850	2.770	3.900										
2002	17	23	3	271.855	-617.469	D	7.957	7.957	0.000	78.65	23.44	0.00	0.11	0.03
0.14	0.15	3.850	2.770	3.900										
2002	18	23	3	271.855	-617.469	D	7.958	7.957	0.000	77.18	21.94	0.11	0.20	0.06
0.25	0.14	3.850	2.770	3.900										
2002	19	23	9	272.589	-616.522	D	7.983	7.957	0.025	63.21	34.75	0.23	0.67	0.20
0.84	0.10	3.850	2.770	3.900										
2002	20	23	1	270.326	-617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.850	2.770	3.900										
2002	21	23	7	271.060	-616.572	D	8.190	7.957	0.233	53.67	42.76	0.32	0.94	0.28
1.18	0.85	3.850	2.770	3.900										
2002	22	23	1	270.326	-617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.850	2.770	3.900										
2002	23	23	1	270.326	-617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.850	2.770	3.900										
2002	24	23	1	270.326	-617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.850	2.770	3.900										
2002	25	23	1	270.326	-617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.850	2.770	3.900										
2002	26	23	9	272.589	-616.522	D	8.342	7.957	0.385	64.88	32.18	0.34	1.01	0.31
1.27	0.01	3.850	2.770	3.900										
2002	27	23	35	273.293	-614.653	D	7.961	7.957	0.004	63.96	33.07	0.34	1.02	0.31
1.28	0.02	3.850	2.770	3.900										
2002	28	23	1	270.326	-617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.850	2.770	3.900										
2002	29	23	1	270.326	-617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.850	2.770	3.900										
2002	30	23	1	270.326	-617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.850	2.770	3.900										
2002	31	23	1	270.326	-617.519	D	7.957	7.957	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.850	2.770	3.900										
2002	32	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520										
2002	33	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520										
2002	34	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520										
2002	35	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520										
2002	36	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520										
2002	37	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520										
2002	38	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520										
2002	39	23	35	273.293	-614.653	D	7.948	7.809	0.139	62.78	35.31	0.22	0.66	0.20
0.82	0.01	3.440	2.530	3.520										
2002	40	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520										
2002	41	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00

0.00	0.00	3.440	2.530	3.520											
2002	42	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520											
2002	43	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520											
2002	44	23	18	260.302	-615.069	D	7.845	7.809	0.035	61.85	34.81	0.39	1.15	0.35	
1.44	0.01	3.440	2.530	3.520											
2002	45	23	35	273.293	-614.653	D	7.843	7.809	0.034	57.15	39.41	0.40	1.19	0.36	
1.49	0.01	3.440	2.530	3.520											
2002	46	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520											
2002	47	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520											
2002	48	23	20	261.830	-615.022	D	8.512	7.809	0.703	36.09	58.88	0.47	1.39	0.42	
1.73	1.02	3.440	2.530	3.520											
2002	49	23	35	273.293	-614.653	D	7.857	7.809	0.048	31.69	59.48	0.68	2.03	0.61	
2.54	2.96	3.440	2.530	3.520											
2002	50	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520											
2002	51	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520											
2002	52	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520											
2002	53	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520											
2002	54	23	35	273.293	-614.653	D	7.819	7.809	0.009	73.60	23.90	0.29	0.86	0.26	
1.08	0.01	3.440	2.530	3.520											
2002	55	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520											
2002	56	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520											
2002	57	23	1	270.326	-617.519	D	7.809	7.809	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.440	2.530	3.520											
2002	58	23	18	260.302	-615.069	D	7.881	7.809	0.071	54.62	43.07	0.27	0.80	0.24	
1.00	0.00	3.440	2.530	3.520											
2002	59	23	18	260.302	-615.069	D	8.163	7.809	0.354	39.73	54.36	0.47	1.38	0.42	
1.73	1.90	3.440	2.530	3.520											
2002	60	23	18	260.302	-615.069	D	7.708	7.701	0.007	28.30	63.76	0.35	1.05	0.32	
1.32	4.90	3.140	2.370	3.310											
2002	61	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.140	2.370	3.310											
2002	62	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.140	2.370	3.310											
2002	63	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.140	2.370	3.310											
2002	64	23	2	271.090	-617.494	D	7.701	7.701	0.000	72.50	25.88	0.00	0.62	0.19	
0.77	0.00	3.140	2.370	3.310											
2002	65	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.140	2.370	3.310											
2002	66	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.140	2.370	3.310											
2002	67	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.140	2.370	3.310											
2002	68	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.140	2.370	3.310											
2002	69	23	18	260.302	-615.069	D	7.797	7.701	0.096	43.74	51.61	0.31	0.92	0.28	

1.15	2.00	3.140	2.370	3.310															
2002	70	23	18	260.302	-615.069	D	7.704	7.701	0.003	62.23	36.23	0.12	0.34	0.10					
0.42	0.57	3.140	2.370	3.310															
2002	71	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00					
0.00	0.00	3.140	2.370	3.310															
2002	72	23	35	273.293	-614.653	D	7.701	7.701	0.000	67.89	29.92	0.13	0.75	0.23					
0.94	0.01	3.140	2.370	3.310															
2002	73	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00					
0.00	0.00	3.140	2.370	3.310															
2002	74	23	3	271.855	-617.469	D	7.707	7.701	0.006	63.72	34.47	0.16	0.48	0.15					
0.60	0.42	3.140	2.370	3.310															
2002	75	23	3	271.855	-617.469	D	7.966	7.701	0.265	65.60	32.86	0.15	0.45	0.14					
0.56	0.24	3.140	2.370	3.310															
2002	76	23	1	270.326	-617.519	D	7.739	7.701	0.038	70.10	28.67	0.10	0.29	0.09					
0.37	0.38	3.140	2.370	3.310															
2002	77	23	3	271.855	-617.469	D	7.762	7.701	0.061	40.96	51.17	0.43	1.27	0.38					
1.59	4.20	3.140	2.370	3.310															
2002	78	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00					
0.00	0.00	3.140	2.370	3.310															
2002	79	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00					
0.00	0.00	3.140	2.370	3.310															
2002	80	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00					
0.00	0.00	3.140	2.370	3.310															
2002	81	23	3	271.855	-617.469	D	7.904	7.701	0.203	74.47	22.26	0.38	1.13	0.34					
1.42	0.00	3.140	2.370	3.310															
2002	82	23	35	273.293	-614.653	D	7.715	7.701	0.014	79.01	18.01	0.35	1.03	0.31					
1.29	0.00	3.140	2.370	3.310															
2002	83	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00					
0.00	0.00	3.140	2.370	3.310															
2002	84	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00					
0.00	0.00	3.140	2.370	3.310															
2002	85	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00					
0.00	0.00	3.140	2.370	3.310															
2002	86	23	9	272.589	-616.522	D	7.805	7.701	0.104	75.62	21.22	0.37	1.09	0.33					
1.36	0.01	3.140	2.370	3.310															
2002	87	23	1	270.326	-617.519	D	7.701	7.701	0.000	0.00	0.00	0.00	0.00	0.00					
0.00	0.00	3.140	2.370	3.310															
2002	88	23	1	270.326	-617.519	D	7.701	7.701	0.000	62.58	34.08	0.00	0.27	0.08					
0.33	2.19	3.140	2.370	3.310															
2002	89	23	3	271.855	-617.469	D	7.701	7.701	0.000	2.98	85.57	0.00	0.00	0.00					
0.00	10.38	3.140	2.370	3.310															
2002	90	23	3	271.855	-617.469	D	7.710	7.701	0.009	89.28	7.25	0.40	1.20	0.36					
1.50	0.00	3.140	2.370	3.310															
2002	91	23	35	273.293	-614.653	D	7.746	7.738	0.008	89.28	7.57	0.37	1.09	0.33					
1.36	0.00	3.240	2.430	3.410															
2002	92	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00					
0.00	0.00	3.240	2.430	3.410															
2002	93	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00					
0.00	0.00	3.240	2.430	3.410															
2002	94	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00					
0.00	0.00	3.240	2.430	3.410															
2002	95	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00					
0.00	0.00	3.240	2.430	3.410															
2002	96	23	18	260.302	-615.069	D	7.993	7.738	0.255	43.55	48.83	0.61	1.80	0.54					
2.25	2.43	3.240	2.430	3.410															
2002	97	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00					

0.00	0.00	3.240	2.430	3.410											
2002	98	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	99	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	100	23	3	271.855	-617.469	D	7.856	7.738	0.118	91.69	6.12	0.26	0.76	0.23	
0.95	0.00	3.240	2.430	3.410											
2002	101	23	35	273.293	-614.653	D	7.775	7.738	0.037	83.01	14.87	0.25	0.73	0.22	
0.92	0.00	3.240	2.430	3.410											
2002	102	23	3	271.855	-617.469	D	7.831	7.738	0.093	89.88	8.17	0.23	0.68	0.20	
0.85	0.00	3.240	2.430	3.410											
2002	103	23	9	272.589	-616.522	D	7.786	7.738	0.048	81.16	17.06	0.21	0.62	0.19	
0.77	0.00	3.240	2.430	3.410											
2002	104	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	105	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	106	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	107	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	108	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	109	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	110	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	111	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	112	23	3	271.855	-617.469	D	8.363	7.738	0.625	74.70	21.77	0.37	1.11	0.33	
1.39	0.33	3.240	2.430	3.410											
2002	113	23	67	271.705	-612.860	D	7.738	7.738	0.000	77.21	20.81	0.29	0.73	0.22	
0.92	0.00	3.240	2.430	3.410											
2002	114	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	115	23	18	260.302	-615.069	D	7.777	7.738	0.039	75.09	23.50	0.16	0.48	0.15	
0.61	0.00	3.240	2.430	3.410											
2002	116	23	18	260.302	-615.069	D	7.793	7.738	0.055	48.99	44.24	0.52	1.52	0.46	
1.91	2.36	3.240	2.430	3.410											
2002	117	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	118	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	119	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	120	23	1	270.326	-617.519	D	7.738	7.738	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.240	2.430	3.410											
2002	121	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830											
2002	122	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830											
2002	123	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830											
2002	124	23	3	271.855	-617.469	D	7.992	7.892	0.100	89.82	8.22	0.23	0.67	0.20	
0.84	0.03	3.660	2.680	3.830											
2002	125	23	67	271.705	-612.860	D	7.902	7.892	0.010	85.68	12.68	0.19	0.56	0.17	

0.71	0.01	3.660	2.680	3.830															
2002	126	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830															
2002	127	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830															
2002	128	23	3	271.855	-617.469	D	7.892	7.892	0.000	87.85	10.26	0.17	0.65	0.20					
0.82	0.12	3.660	2.680	3.830															
2002	129	23	9	272.589	-616.522	D	7.918	7.892	0.027	69.62	29.13	0.12	0.36	0.11					
0.45	0.20	3.660	2.680	3.830															
2002	130	23	18	260.302	-615.069	D	8.013	7.892	0.121	54.88	42.09	0.31	0.92	0.28					
1.16	0.35	3.660	2.680	3.830															
2002	131	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830															
2002	132	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830															
2002	133	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830															
2002	134	23	11	266.445	-615.798	D	8.179	7.892	0.287	89.30	6.78	0.45	1.34	0.40					
1.67	0.06	3.660	2.680	3.830															
2002	135	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830															
2002	136	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830															
2002	137	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830															
2002	138	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830															
2002	139	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830															
2002	140	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830															
2002	141	23	18	260.302	-615.069	D	8.091	7.892	0.200	81.94	13.84	0.48	1.41	0.43					
1.77	0.14	3.660	2.680	3.830															
2002	142	23	35	273.293	-614.653	D	7.892	7.892	0.000	83.32	12.65	0.47	1.40	0.42					
1.75	0.00	3.660	2.680	3.830															
2002	143	23	35	273.293	-614.653	D	7.893	7.892	0.002	84.39	13.49	0.25	0.74	0.22					
0.92	0.00	3.660	2.680	3.830															
2002	144	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830															
2002	145	23	1	270.326	-617.519	D	7.892	7.892	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.660	2.680	3.830															
2002	146	23	35	273.293	-614.653	D	7.897	7.892	0.005	80.56	18.44	0.12	0.35	0.11					
0.44	0.00	3.660	2.680	3.830															
2002	147	23	35	273.293	-614.653	D	7.929	7.892	0.038	65.69	32.71	0.19	0.55	0.17					
0.69	0.00	3.660	2.680	3.830															
2002	148	23	67	271.705	-612.860	D	7.892	7.892	0.000	85.59	13.53	0.06	0.27	0.08					
0.33	0.17	3.660	2.680	3.830															
2002	149	23	3	271.855	-617.469	D	7.922	7.892	0.031	91.97	6.93	0.13	0.38	0.11					
0.47	0.00	3.660	2.680	3.830															
2002	150	23	1	270.326	-617.519	D	7.892	7.892	0.000	91.31	8.29	0.00	0.11	0.03					
0.14	0.00	3.660	2.680	3.830															
2002	151	23	2	271.090	-617.494	D	7.894	7.892	0.002	87.56	10.67	0.20	0.61	0.18					
0.77	0.00	3.660	2.680	3.830															
2002	152	23	3	271.855	-617.469	D	7.956	7.910	0.046	77.49	21.01	0.17	0.52	0.16					
0.65	0.00	3.710	2.710	3.880															
2002	153	23	35	273.293	-614.653	D	7.911	7.910	0.001	88.77	8.15	0.35	1.05	0.32					

1.32	0.00	3.710	2.710	3.880										
2002	154	23	35	273.293	-614.653	D	7.910	7.910	0.000	86.01	10.72	0.38	1.16	0.35
1.46	0.00	3.710	2.710	3.880										
2002	155	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.710	2.710	3.880										
2002	156	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.710	2.710	3.880										
2002	157	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.710	2.710	3.880										
2002	158	23	3	271.855	-617.469	D	7.910	7.910	0.000	96.81	2.25	0.10	0.33	0.10
0.41	0.00	3.710	2.710	3.880										
2002	159	23	3	271.855	-617.469	D	8.008	7.910	0.098	76.03	21.46	0.27	0.80	0.24
1.00	0.20	3.710	2.710	3.880										
2002	160	23	35	273.293	-614.653	D	8.256	7.910	0.346	70.09	25.56	0.37	1.08	0.33
1.36	1.22	3.710	2.710	3.880										
2002	161	23	35	273.293	-614.653	D	8.003	7.910	0.093	85.09	12.34	0.25	0.75	0.23
0.94	0.39	3.710	2.710	3.880										
2002	162	23	35	273.293	-614.653	D	7.943	7.910	0.033	95.13	1.33	0.41	1.22	0.37
1.53	0.01	3.710	2.710	3.880										
2002	163	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.710	2.710	3.880										
2002	164	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.710	2.710	3.880										
2002	165	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.710	2.710	3.880										
2002	166	23	1	270.326	-617.519	D	7.910	7.910	0.000	97.40	1.04	0.00	0.69	0.21
0.87	0.00	3.710	2.710	3.880										
2002	167	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.710	2.710	3.880										
2002	168	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.710	2.710	3.880										
2002	169	23	18	260.302	-615.069	D	8.004	7.910	0.094	94.72	1.37	0.45	1.33	0.40
1.66	0.07	3.710	2.710	3.880										
2002	170	23	52	272.499	-613.757	D	8.082	7.910	0.173	85.67	10.52	0.41	1.23	0.37
1.53	0.26	3.710	2.710	3.880										
2002	171	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.710	2.710	3.880										
2002	172	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.710	2.710	3.880										
2002	173	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.710	2.710	3.880										
2002	174	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.710	2.710	3.880										
2002	175	23	1	270.326	-617.519	D	7.914	7.910	0.004	88.72	9.79	0.17	0.52	0.16
0.65	0.00	3.710	2.710	3.880										
2002	176	23	3	271.855	-617.469	D	7.955	7.910	0.045	84.04	14.92	0.12	0.36	0.11
0.45	0.00	3.710	2.710	3.880										
2002	177	23	35	273.293	-614.653	D	7.916	7.910	0.007	90.28	8.90	0.10	0.28	0.09
0.35	0.00	3.710	2.710	3.880										
2002	178	23	3	271.855	-617.469	D	8.104	7.910	0.194	95.64	3.20	0.13	0.40	0.12
0.50	0.00	3.710	2.710	3.880										
2002	179	23	67	271.705	-612.860	D	7.921	7.910	0.012	91.14	7.81	0.12	0.36	0.11
0.45	0.00	3.710	2.710	3.880										
2002	180	23	35	273.293	-614.653	D	7.963	7.910	0.053	74.03	22.40	0.36	1.05	0.32
1.32	0.53	3.710	2.710	3.880										
2002	181	23	35	273.293	-614.653	D	8.000	7.910	0.090	84.95	13.28	0.21	0.61	0.19

0.77	0.00	3.710	2.710	3.880											
2002	182	23	1	270.326	-617.519	D	7.843	7.830	0.013	80.40	18.66	0.11	0.32	0.10	
0.40	0.01	3.490	2.590	3.690											
2002	183	23	35	273.293	-614.653	D	7.857	7.830	0.027	86.75	12.38	0.10	0.29	0.09	
0.36	0.04	3.490	2.590	3.690											
2002	184	23	1	270.326	-617.519	D	8.033	7.830	0.202	90.63	8.07	0.15	0.44	0.13	
0.56	0.02	3.490	2.590	3.690											
2002	185	23	18	260.302	-615.069	D	7.880	7.830	0.049	91.13	7.89	0.11	0.34	0.10	
0.42	0.00	3.490	2.590	3.690											
2002	186	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	187	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	188	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	189	23	3	271.855	-617.469	D	7.831	7.830	0.001	95.26	2.17	0.30	0.89	0.27	
1.11	0.00	3.490	2.590	3.690											
2002	190	23	1	270.326	-617.519	D	7.837	7.830	0.007	94.74	3.32	0.23	0.68	0.20	
0.85	0.00	3.490	2.590	3.690											
2002	191	23	3	271.855	-617.469	D	7.837	7.830	0.007	93.81	4.70	0.17	0.51	0.16	
0.64	0.00	3.490	2.590	3.690											
2002	192	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	193	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	194	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	195	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	196	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	197	23	9	272.589	-616.522	D	7.831	7.830	0.001	66.06	29.27	0.22	0.62	0.19	
0.77	2.89	3.490	2.590	3.690											
2002	198	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	199	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	200	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	201	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	202	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	203	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	204	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	205	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	206	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	207	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	208	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	3.490	2.590	3.690											
2002	209	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	

0.00	0.00	3.490	2.590	3.690															
2002	210	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.490	2.590	3.690															
2002	211	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.490	2.590	3.690															
2002	212	23	1	270.326	-617.519	D	7.830	7.830	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.490	2.590	3.690															
2002	213	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	214	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	215	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	216	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	217	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	218	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	219	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	220	23	18	260.302	-615.069	D	7.840	7.837	0.003	96.05	1.04	0.34	1.01	0.30					
1.26	0.00	3.510	2.600	3.680															
2002	221	23	36	260.273	-614.148	D	8.102	7.837	0.265	65.80	31.56	0.31	0.90	0.27					
1.13	0.02	3.510	2.600	3.680															
2002	222	23	18	260.302	-615.069	D	7.925	7.837	0.088	93.91	1.59	0.51	1.52	0.46					
1.90	0.10	3.510	2.600	3.680															
2002	223	23	35	273.293	-614.653	D	7.949	7.837	0.112	86.42	10.02	0.41	1.22	0.37					
1.52	0.04	3.510	2.600	3.680															
2002	224	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	225	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	226	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	227	23	35	273.293	-614.653	D	7.858	7.837	0.021	86.70	7.25	0.13	0.38	0.11					
0.48	4.95	3.510	2.600	3.680															
2002	228	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	229	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	230	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	231	23	9	272.589	-616.522	D	7.838	7.837	0.001	97.36	0.56	0.25	0.74	0.22					
0.92	0.00	3.510	2.600	3.680															
2002	232	23	35	273.293	-614.653	D	8.221	7.837	0.384	86.88	11.29	0.21	0.62	0.19					
0.77	0.04	3.510	2.600	3.680															
2002	233	23	3	271.855	-617.469	D	8.253	7.837	0.416	97.10	0.84	0.24	0.71	0.21					
0.89	0.00	3.510	2.600	3.680															
2002	234	23	35	273.293	-614.653	D	7.897	7.837	0.060	96.36	1.93	0.20	0.59	0.18					
0.74	0.00	3.510	2.600	3.680															
2002	235	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	236	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.510	2.600	3.680															
2002	237	23	1	270.326	-617.519	D	7.837	7.837	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



0.00	0.00	3.730	2.710	3.820															
2002	266	23	1	270.326	-617.519	D	7.915	7.915	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.730	2.710	3.820															
2002	267	23	1	270.326	-617.519	D	7.915	7.915	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.730	2.710	3.820															
2002	268	23	1	270.326	-617.519	D	7.915	7.915	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.730	2.710	3.820															
2002	269	23	1	270.326	-617.519	D	7.915	7.915	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.730	2.710	3.820															
2002	270	23	1	270.326	-617.519	D	7.915	7.915	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.730	2.710	3.820															
2002	271	23	1	270.326	-617.519	D	7.915	7.915	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.730	2.710	3.820															
2002	272	23	18	260.302	-615.069	D	8.055	7.915	0.140	95.92	1.78	0.27	0.79	0.24					
0.99	0.00	3.730	2.710	3.820															
2002	273	23	35	273.293	-614.653	D	8.022	7.915	0.107	79.30	18.68	0.24	0.70	0.21					
0.87	0.00	3.730	2.710	3.820															
2002	274	23	35	273.293	-614.653	D	8.154	7.910	0.244	77.48	19.16	0.36	1.07	0.32					
1.34	0.26	3.720	2.690	3.760															
2002	275	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.720	2.690	3.760															
2002	276	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.720	2.690	3.760															
2002	277	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.720	2.690	3.760															
2002	278	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.720	2.690	3.760															
2002	279	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.720	2.690	3.760															
2002	280	23	1	270.326	-617.519	D	7.910	7.910	0.000	88.36	11.15	0.00	0.02	0.01					
0.03	0.00	3.720	2.690	3.760															
2002	281	23	3	271.855	-617.469	D	7.914	7.910	0.004	67.28	32.66	0.01	0.02	0.00					
0.02	0.01	3.720	2.690	3.760															
2002	282	23	1	270.326	-617.519	D	7.910	7.910	0.000	37.12	56.98	0.13	0.19	0.06					
0.24	5.20	3.720	2.690	3.760															
2002	283	23	1	270.326	-617.519	D	7.910	7.910	0.000	43.75	12.50	0.00	0.00	0.00					
0.00	0.05	3.720	2.690	3.760															
2002	284	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.720	2.690	3.760															
2002	285	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.720	2.690	3.760															
2002	286	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.720	2.690	3.760															
2002	287	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.720	2.690	3.760															
2002	288	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.720	2.690	3.760															
2002	289	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.720	2.690	3.760															
2002	290	23	9	272.589	-616.522	D	8.014	7.910	0.104	87.61	10.60	0.21	0.61	0.18					
0.76	0.03	3.720	2.690	3.760															
2002	291	23	3	271.855	-617.469	D	7.914	7.910	0.004	1.65	66.08	0.01	0.01	0.00					
0.01	32.23	3.720	2.690	3.760															
2002	292	23	9	272.589	-616.522	D	7.917	7.910	0.007	47.43	52.36	0.00	0.01	0.00					
0.02	0.16	3.720	2.690	3.760															
2002	293	23	1	270.326	-617.519	D	7.922	7.910	0.011	51.13	48.73	0.00	0.01	0.00					

0.01	0.11	3.720	2.690	3.760													
2002	294	23	1	270.326	-617.519	D	7.912	7.910	0.001	49.95	49.93	0.00	0.01	0.00			
0.02	0.11	3.720	2.690	3.760													
2002	295	23	3	271.855	-617.469	D	7.910	7.910	0.000	40.79	59.08	0.00	0.00	0.00			
0.00	0.02	3.720	2.690	3.760													
2002	296	23	1	270.326	-617.519	D	7.910	7.910	0.000	29.22	70.74	0.00	0.00	0.00			
0.00	0.00	3.720	2.690	3.760													
2002	297	23	3	271.855	-617.469	D	8.029	7.910	0.118	75.45	22.87	0.18	0.52	0.16			
0.65	0.17	3.720	2.690	3.760													
2002	298	23	3	271.855	-617.469	D	7.917	7.910	0.007	75.43	23.45	0.12	0.36	0.11			
0.45	0.08	3.720	2.690	3.760													
2002	299	23	18	260.302	-615.069	D	7.910	7.910	0.000	69.52	30.14	0.00	0.13	0.04			
0.16	0.12	3.720	2.690	3.760													
2002	300	23	1	270.326	-617.519	D	7.916	7.910	0.005	34.52	60.18	0.02	0.07	0.02			
0.09	5.08	3.720	2.690	3.760													
2002	301	23	35	273.293	-614.653	D	7.927	7.910	0.017	36.53	60.94	0.02	0.07	0.02			
0.09	2.32	3.720	2.690	3.760													
2002	302	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.720	2.690	3.760													
2002	303	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.720	2.690	3.760													
2002	304	23	1	270.326	-617.519	D	7.910	7.910	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.720	2.690	3.760													
2002	305	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.680	2.670	3.770													
2002	306	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.680	2.670	3.770													
2002	307	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.680	2.670	3.770													
2002	308	23	3	271.855	-617.469	D	7.897	7.897	0.000	4.06	86.72	0.00	0.00	0.00			
0.00	9.03	3.680	2.670	3.770													
2002	309	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.680	2.670	3.770													
2002	310	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.680	2.670	3.770													
2002	311	23	9	272.589	-616.522	D	7.917	7.897	0.020	71.89	25.77	0.27	0.81	0.24			
1.01	0.00	3.680	2.670	3.770													
2002	312	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.680	2.670	3.770													
2002	313	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.680	2.670	3.770													
2002	314	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.680	2.670	3.770													
2002	315	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.680	2.670	3.770													
2002	316	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.680	2.670	3.770													
2002	317	23	9	272.589	-616.522	D	7.901	7.897	0.004	61.21	36.30	0.29	0.86	0.26			
1.08	0.00	3.680	2.670	3.770													
2002	318	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.680	2.670	3.770													
2002	319	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.680	2.670	3.770													
2002	320	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00			
0.00	0.00	3.680	2.670	3.770													
2002	321	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00			

0.00	0.00	3.680	2.670	3.770															
2002	322	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.680	2.670	3.770															
2002	323	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.680	2.670	3.770															
2002	324	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.680	2.670	3.770															
2002	325	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.680	2.670	3.770															
2002	326	23	9	272.589	-616.522	D	7.973	7.897	0.077	73.19	23.68	0.36	1.08	0.32					
1.35	0.02	3.680	2.670	3.770															
2002	327	23	9	272.589	-616.522	D	7.945	7.897	0.048	56.87	40.92	0.26	0.76	0.23					
0.96	0.00	3.680	2.670	3.770															
2002	328	23	3	271.855	-617.469	D	7.904	7.897	0.007	70.34	27.68	0.23	0.68	0.21					
0.85	0.01	3.680	2.670	3.770															
2002	329	23	9	272.589	-616.522	D	7.897	7.897	0.000	75.30	23.11	0.13	0.56	0.17					
0.70	0.00	3.680	2.670	3.770															
2002	330	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.680	2.670	3.770															
2002	331	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.680	2.670	3.770															
2002	332	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.680	2.670	3.770															
2002	333	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.680	2.670	3.770															
2002	334	23	1	270.326	-617.519	D	7.897	7.897	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.680	2.670	3.770															
2002	335	23	3	271.855	-617.469	D	7.969	7.968	0.001	56.79	40.00	0.37	1.07	0.32					
1.34	0.06	3.880	2.790	3.930															
2002	336	23	1	270.326	-617.519	D	7.968	7.968	0.000	36.72	56.74	0.00	0.15	0.05					
0.19	5.69	3.880	2.790	3.930															
2002	337	23	3	271.855	-617.469	D	7.973	7.968	0.005	58.85	35.52	0.05	0.15	0.04					
0.18	5.21	3.880	2.790	3.930															
2002	338	23	1	270.326	-617.519	D	7.968	7.968	0.000	83.33	6.25	0.00	0.01	0.00					
0.01	0.12	3.880	2.790	3.930															
2002	339	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	340	23	3	271.855	-617.469	D	8.039	7.968	0.071	60.03	38.00	0.21	0.62	0.19					
0.78	0.16	3.880	2.790	3.930															
2002	341	23	9	272.589	-616.522	D	9.021	7.968	1.053	64.52	33.76	0.19	0.57	0.17					
0.71	0.08	3.880	2.790	3.930															
2002	342	23	18	260.302	-615.069	D	8.030	7.968	0.062	70.49	28.17	0.15	0.45	0.14					
0.56	0.05	3.880	2.790	3.930															
2002	343	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	344	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	345	23	18	260.302	-615.069	D	8.647	7.968	0.679	64.78	33.24	0.22	0.64	0.19					
0.80	0.12	3.880	2.790	3.930															
2002	346	23	18	260.302	-615.069	D	7.969	7.968	0.000	19.73	69.11	0.00	0.05	0.01					
0.06	11.01	3.880	2.790	3.930															
2002	347	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	348	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	349	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	3.880	2.790	3.930															
2002	350	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	351	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	352	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	353	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	354	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	355	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	356	23	3	271.855	-617.469	D	7.970	7.968	0.001	71.00	27.63	0.16	0.45	0.14					
0.57	0.03	3.880	2.790	3.930															
2002	357	23	1	270.326	-617.519	D	7.968	7.968	0.000	91.85	9.92	0.00	0.01	0.00					
0.01	0.33	3.880	2.790	3.930															
2002	358	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	359	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	360	23	3	271.855	-617.469	D	8.003	7.968	0.034	58.29	39.83	0.20	0.59	0.18					
0.74	0.16	3.880	2.790	3.930															
2002	361	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	362	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															
2002	363	23	1	270.326	-617.519	D	7.968	7.968	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.880	2.790	3.930															

--- Ranked Daily Visibility Change ---

START TIME	% of Modeled Extinction by Species													
Small Large SSalt														
YEAR DAY HR RECEPTOR	COORDINATES (km)					TYPE	DV(Total)	DV(BKG)	DELTA	DV	%_SO4			
%_NO3	%_OC	%_EC	%_PMC	%_PMF	%_NO2	F(RH)	F(RH)	F(RH)						
2002	341	23	9	272.589	-616.522	D	9.021	7.968	1.053	64.52	33.76	0.19	0.57	0.17
0.71	0.08	3.880	2.790	3.930	1									
2002	48	23	20	261.830	-615.022	D	8.512	7.809	0.703	36.09	58.88	0.47	1.39	0.42
1.73	1.02	3.440	2.530	3.520	2									
2002	345	23	18	260.302	-615.069	D	8.647	7.968	0.679	64.78	33.24	0.22	0.64	0.19
0.80	0.12	3.880	2.790	3.930	3									
2002	112	23	3	271.855	-617.469	D	8.363	7.738	0.625	74.70	21.77	0.37	1.11	0.33
1.39	0.33	3.240	2.430	3.410	4									
2002	233	23	3	271.855	-617.469	D	8.253	7.837	0.416	97.10	0.84	0.24	0.71	0.21
0.89	0.00	3.510	2.600	3.680	5									
2002	26	23	9	272.589	-616.522	D	8.342	7.957	0.385	64.88	32.18	0.34	1.01	0.31
1.27	0.01	3.850	2.770	3.900	6									
2002	232	23	35	273.293	-614.653	D	8.221	7.837	0.384	86.88	11.29	0.21	0.62	0.19
0.77	0.04	3.510	2.600	3.680	7									
2002	59	23	18	260.302	-615.069	D	8.163	7.809	0.354	39.73	54.36	0.47	1.38	0.42
1.73	1.90	3.440	2.530	3.520	8									
2002	160	23	35	273.293	-614.653	D	8.256	7.910	0.346	70.09	25.56	0.37	1.08	0.33
1.36	1.22	3.710	2.710	3.880	9									
2002	134	23	11	266.445	-615.798	D	8.179	7.892	0.287	89.30	6.78	0.45	1.34	0.40
1.67	0.06	3.660	2.680	3.830	10									

2002	221	23	36	260.273	-614.148	D	8.102	7.837	0.265	65.80	31.56	0.31	0.90	0.27
	1.13	0.02	3.510	2.600	3.680									
2002	75	23	3	271.855	-617.469	D	7.966	7.701	0.265	65.60	32.86	0.15	0.45	0.14
	0.56	0.24	3.140	2.370	3.310									
2002	96	23	18	260.302	-615.069	D	7.993	7.738	0.255	43.55	48.83	0.61	1.80	0.54
	2.25	2.43	3.240	2.430	3.410									
2002	274	23	35	273.293	-614.653	D	8.154	7.910	0.244	77.48	19.16	0.36	1.07	0.32
	1.34	0.26	3.720	2.690	3.760									
2002	21	23	7	271.060	-616.572	D	8.190	7.957	0.233	53.67	42.76	0.32	0.94	0.28
	1.18	0.85	3.850	2.770	3.900									
2002	81	23	3	271.855	-617.469	D	7.904	7.701	0.203	74.47	22.26	0.38	1.13	0.34
	1.42	0.00	3.140	2.370	3.310									
2002	184	23	1	270.326	-617.519	D	8.033	7.830	0.202	90.63	8.07	0.15	0.44	0.13
	0.56	0.02	3.490	2.590	3.690									
2002	141	23	18	260.302	-615.069	D	8.091	7.892	0.200	81.94	13.84	0.48	1.41	0.43
	1.77	0.14	3.660	2.680	3.830									
2002	178	23	3	271.855	-617.469	D	8.104	7.910	0.194	95.64	3.20	0.13	0.40	0.12
	0.50	0.00	3.710	2.710	3.880									
2002	170	23	52	272.499	-613.757	D	8.082	7.910	0.173	85.67	10.52	0.41	1.23	0.37
	1.53	0.26	3.710	2.710	3.880									
2002	272	23	18	260.302	-615.069	D	8.055	7.915	0.140	95.92	1.78	0.27	0.79	0.24
	0.99	0.00	3.730	2.710	3.820									
2002	39	23	35	273.293	-614.653	D	7.948	7.809	0.139	62.78	35.31	0.22	0.66	0.20
	0.82	0.01	3.440	2.530	3.520									

--- Number of days with Delta-Deciview => 0.50: 4  
 --- Number of days with Delta-Deciview => 1.00: 1  
 --- Largest Delta-Deciview = 1.053

\*\*\*\*\*  
 \*\*\*\*\*  
 CALPOST Version 6.221 Level 080724  
 \*\*\*\*\*  
 \*\*\*\*\*

### Run-Length VISIBILITY

VISIB BOESNCFG

(deciview)

RECEPTOR COORDINATES (km) TYPE DV(Total) DV(BKG) DELTA DV

3 271.855 -617.469 D 7.894 7.864 0.030

--- Number of recs with Delta-Deciview > 0.10: 0  
 --- Largest Delta-Deciview = 0.030